

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒ DEEPEN ☐ PLUG BACK ☐

B. TYPE OF WELL

OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR

Rosewood Resources, Inc.

3. ADDRESS OF OPERATORS

100 Crescent Court, Suite 500, Dallas TX 7520 214-871-5729

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement)

at surface 2028' FSL, 2289' FEL, NW/SE Sec. 7, T12S, R24E, S.L. B. &M

At proposed prod. Zone 6' 9" 6' 9"

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

26.7 miles south of Bonanza, UT

15. DISTANCE FROM PROPOSED LOC. TO NEAREST PROP. OR LEASE LINE, FT. (Also to nearest drig. Unit line, if any)

2,028'

16. NO. OF ACRES IN LEASE

658.30

17. NO. OF ACRES ASSIGNED TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION \* TO NEAREST WELL, DRILLING COMPLETED. OR APPLIED FOR, ON THIS LEASE, FT.

2,640'

19. PROPOSED DEPTH

4,600'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATION (SHOW WHETHER DF. RT, GR, etc.)

6,114'

22. APPROX. DATE WORK WILL START

1-May-98

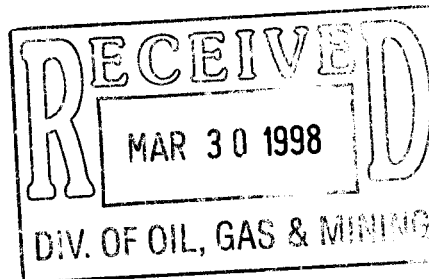
PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24	300'	To Surface
7 7/8"	4 1/2"	11.6	T.D.	Cmt top to cover oil shale

Operator requests permission to drill the subject well  
please see the attached 10 point surface  
use plan.

If you require additional information please contact:

William (Bill) Ryan  
350 S. 800 E.  
Vernal, Utah  
435-789-0968 Office  
435-828-0968 Cellular



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed is to deepen or plug back, give data on proposed productive zone and proposed ne productive zone. If proposal is to drill or deepen directional, give pertinent data on subsurface location and measure and true vertical depths. Give blowout preventer program, if any.

24

SIGNATURE

William A. Ryan

TITLE

Agent

DATE

3/11/98

(This space for Federal or State Office Use)

PERMIT NO.

43-047-33100

APPROVAL DATE

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

BRADLEY G. HILL

DATE

4/9/98

RECLAMATION SPECIALIST III

Federal Approval of this  
Action is Necessary

\*See Instructions on Reverse Side

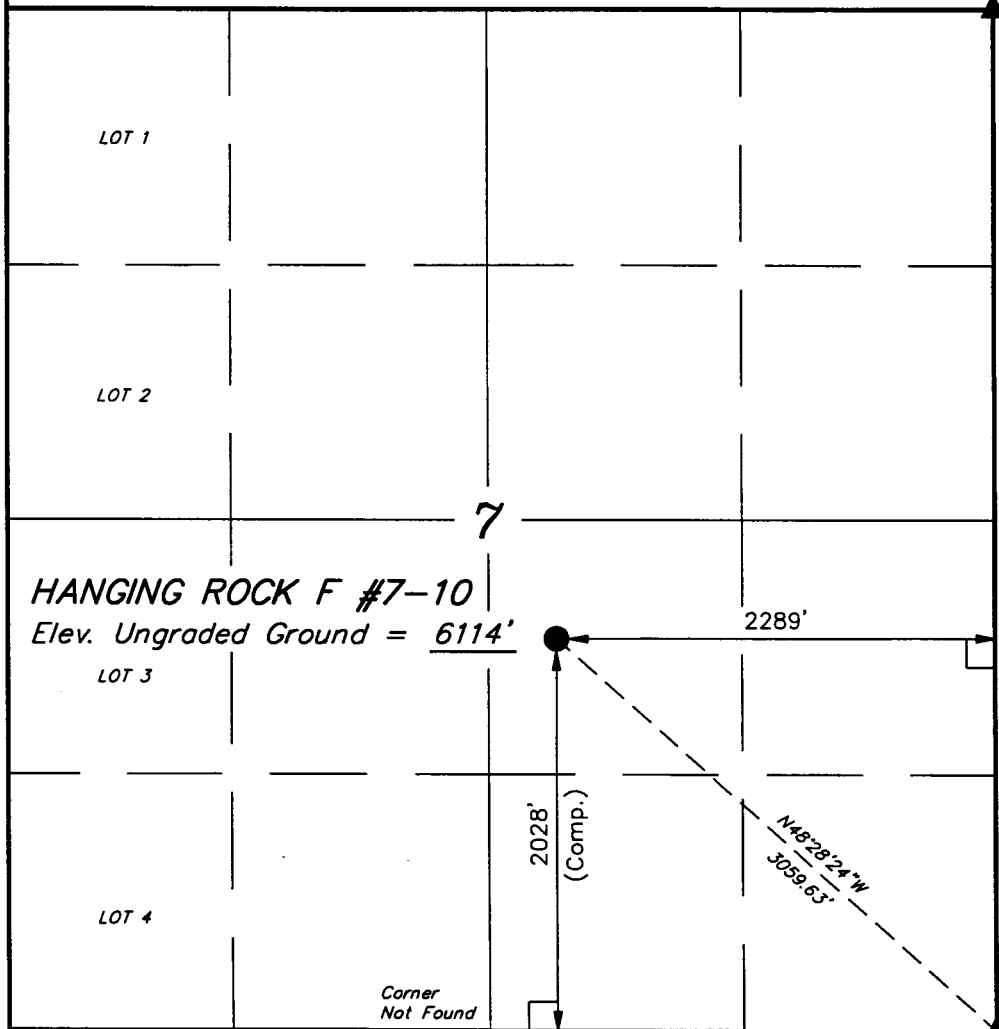
Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

R  
23  
E

T12S, R24E, S.L.B.&M.

N89°59'E - 77.80 (G.L.O.)

SOUTH - (G.L.O.)



Set Marked Stone

N00°03'W - G.L.O. (Basis of Bearings)  
5291.12' (Measured)

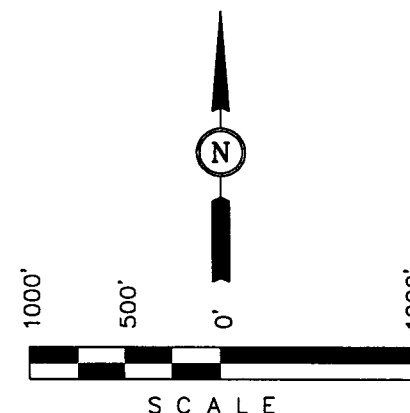
Set Marked Stone

# ROSEWOOD RESOURCES, INC.

Well location, HANGING ROCK F #7-10, located as shown in the NW 1/4 SE 1/4 of Section 7, T12S, R24E, S.L.B.&M. Uintah County Utah.

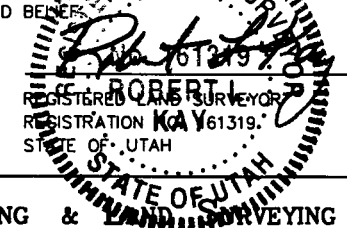
## BASIS OF ELEVATION

SPOT ELEVATION LOCATED IN THE SW 1/4 OF SECTION 8, T12S, R24E, S.L.B.&M. TAKEN FROM THE ARCHY BENCH SE. QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 6250 FEET.



## CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



## LEGEND:

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

LATITUDE = 39°47'16"  
LONGITUDE = 109°16'18"

UINTAH ENGINEERING & SURVEYING  
85 SOUTH 200 EAST - VERNAL, UTAH 84078  
(435) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 01-19-98	DATE DRAWN: 02-04-98
PARTY L.D.T. D.H. D.R.B.	REFERENCES G.L.O. PLAT	
WEATHER COLD	FILE ROSEWOOD RESOURCES, INC.	

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 03/30/98

API NO. ASSIGNED: 43-047-33100

WELL NAME: HANGING ROCK F 7-10  
OPERATOR: ROSEWOOD RESOURCES INC (N7510)  
CONTACT: Bill Ryan (435) 789-0968

PROPOSED LOCATION:  
NWSE 07 - T12S - R24E  
SURFACE: 2028-FSL-2289-FEL  
BOTTOM: 2028-FSL-2289-FEL  
UINTAH COUNTY  
WILDCAT FIELD (001)

LEASE TYPE: FED  
LEASE NUMBER: UTU-66426  
SURFACE OWNER: BLM

PROPOSED FORMATION: WSTC

INSPECT LOCATION BY: / /

TECH REVIEW	Initials	Date
Engineering		
Geology		
Surface		

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Federal ☒ State ☐ Fee ☐  
(No. MT-0627)  
☒ Potash (Y/N)  
☒ Oil Shale (Y/N) \*190-5(B)  
☒ Water Permit  
(No. Rosewood Wtr Station 6:49-1595)  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)  
N/A St/Fee Surf Agreement (Y/N)

LOCATION AND SITING:

☒ R649-2-3. Unit Hanging Rock  
☐ R649-3-2. General  
☐ R649-3-3. Exception  
☐ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Date: \_\_\_\_\_

COMMENTS:

STIPULATIONS: ① FEDERAL APPROVAL



DIVISION OF OIL, GAS & MINING

OPERATOR: ROSEWOOD RESOURCES (N7510)

FIELD: WILDCAT (001)

SEC. 7, TWP. 12S, RNG. 23E,

COUNTY: UINTAH UAC: R649-2-3 HANGING ROCK UNIT



DATE PREPARED:  
6-APR-1998

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

APR 06 1998

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form on proposals to drill or to deepen or reenter a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals5. Lease Designation and Serial No.  
UTU-664266. If Indian, Allottee or Tribe Name  
NA7. If Unit or CA, Agreement Designation  
HANGING ROCK8. Well Name and No.  
HANGING ROCK F #7-10

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

## SUBMIT IN TRIPLICATE

## 1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

## 2. Name of Operator

ROSEWOOD RESOURCES, INC.

## 3. Address and Telephone No.

P.O. Box 1668, Vernal, UT 435-789-0414

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

NW/SE SECTION 7, T12S, R24E

## 12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

## TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

## TYPE OF ACTION

☐ Abandonment ☒ Change of Plans  
☐ Recompletion ☐ New Construction  
☐ Plugging Back ☐ Non-Routine Fracturing  
☐ Casing Repair ☐ Water Shut-Off  
☐ Altering Casing ☐ Conversion to Injection  
☐ Other ☐ Dispose Water(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

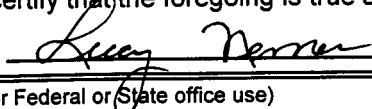
13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Rosewood Resources proposes to drill and complete the above referenced location prior to 11/1/98.

COPIES: ORIG. &amp; 2-BLM; DIV. OG&amp;M; J MCQUILLEN

14. I hereby certify that the foregoing is true and correct

Signed



Title Administrative Assistant

Date 04/03/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

## **SELF-CERTIFICATION STATEMENT**

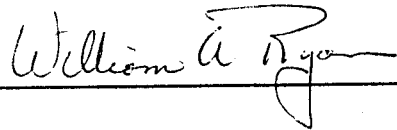
**The following self-certification statement is provided per Federal requirements dated June 15, 1988.**

**Please be advised that Rosewood Resources, Inc., is considered to be the operator of the following well.**

**Hanging Rock F 7-10  
NW 1/4, SE 1/4, Section 7, T. 12 S., R. 24 E.  
Lease UTU-66426  
Uintah County, Utah**

**Rosewood Resources, Inc., is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.**

**Bond coverage is provided by Certificate of Deposit, BLM Bond #MT-0627.**



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**William A. Ryan  
Agent  
Rocky Mountain Consulting  
350 S. 800 E.  
Vernal UT 84078  
435-789-0968 Office  
435-828-0968 Cell  
435-789-0970 Fax**

## Ten Point Plan

Rosewood Resources, Inc.

Hanging Rock F 7-10  
Hanging Rock Unit

Surface Location NW 1/4, SE 1/4, Section 7, T. 11 S., R. 24 E.

### 1. Surface Formation:

Green River

### 2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Green River	Surface	+6,114' G.L.
Oil Shale	500	+5,514
Wasatch	2,540	+3,574
Mesaverde formation	4,040	+2,074
T.D.	4,600	+1,514

### 3. Producing Formation Depth:

Formation objective include the Wasatch and its submembers.

Off Set Well Information:

Off set well:	Gas Well	Hanging Rock Unit 7-6	Sec. 7, T. 12 S., R. 24 E.
	Gas Well	Hanging Rock Unit 7-8	Sec. 7, T. 12 S., R. 24 E.
	Gas Well	Oil Springs 11	Sec. 5, T. 12 S., R. 24 E.
	Gas Well	Toby 6-15	Sec. 6, T. 12 S., R. 24 E.
	Gas Well	Hanging Rock Unit 1-16	Sec. 1, T. 12 S., R. 23 E.

### 4. Proposed Casing :

<u>Hole</u>	<u>Casing</u>		<u>Grade</u>	<u>Setting</u>	<u>Casing</u>
<u>Size</u>	<u>Size</u>	<u>Weight/Ft.</u>	<u>&amp; Tread</u>	<u>Depth</u>	<u>New/Used</u>
11	8 5/8	24	J-55/STC	300	New
7 7/8	4 1/2	11.6	J-55/LTC	T.D.	New

### Cement Program:

<u>Casing Size</u>	<u>Cement Type</u>	<u>Cement Amount</u>	<u>Cement Yield</u>	<u>Cement Weight</u>
8 5/8	Class "G" 2% Calcium 1/4 #/sk cello flake	150 sks.+/-	1.16 cu. ft./sk.	15.82 lbs./gal.
4 1/2	Stage 1 Class "G" 10% salt 10% gypsum .1% R-3 .4% FL-25 Stage 2 Class "G" 3% salt 16% gel(Bentonite) 5# Gilsonite/sk .25#/sk Cello Flake	540 sks.+/-      205 sks.+/-	1.44 cu. ft./sk.      3.91 cu. ft./sk.	15.23 lbs./gal.      11.0 lbs./gal.

### 5. BOP and Pressure Containment Data:

The anticipated bottom hole pressure will be less than 3000 psi.

A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from the 8 5/8" surface casing. The BOP system including the casing will be pressure tested to the minimum standards set forth in "On Shore Order #2". The BOP will be mechanically checked daily during the drilling operation.

### 6. Mud Program:

<u>Interval</u>	<u>Mud weight lbs/gal.</u>	<u>Viscosity Sec./Qt.</u>	<u>Fluid Loss MI/30 Mins.</u>	<u>Mud Type</u>
0-300	Air/Clear Water	----	No Control	Water/Gel
300-2500	Clear Water	----	No Control	Water/Gel
2500-T.D.	8.4-8.6	30	8-10	Water/Gel

### 7. Auxiliary Equipment:

Upper Kelly cock, full opening stabbing valve, 2 1/2" choke manifold and pit level indicator.



## **8. Testing, Coring, Sampling and Logging:**

- a) Test: None are anticipated.
- b) Coring: There is the possibility of sidewall coring.
- c) Sampling: Every 10' from 2000' to T.D.
- d) Logging:

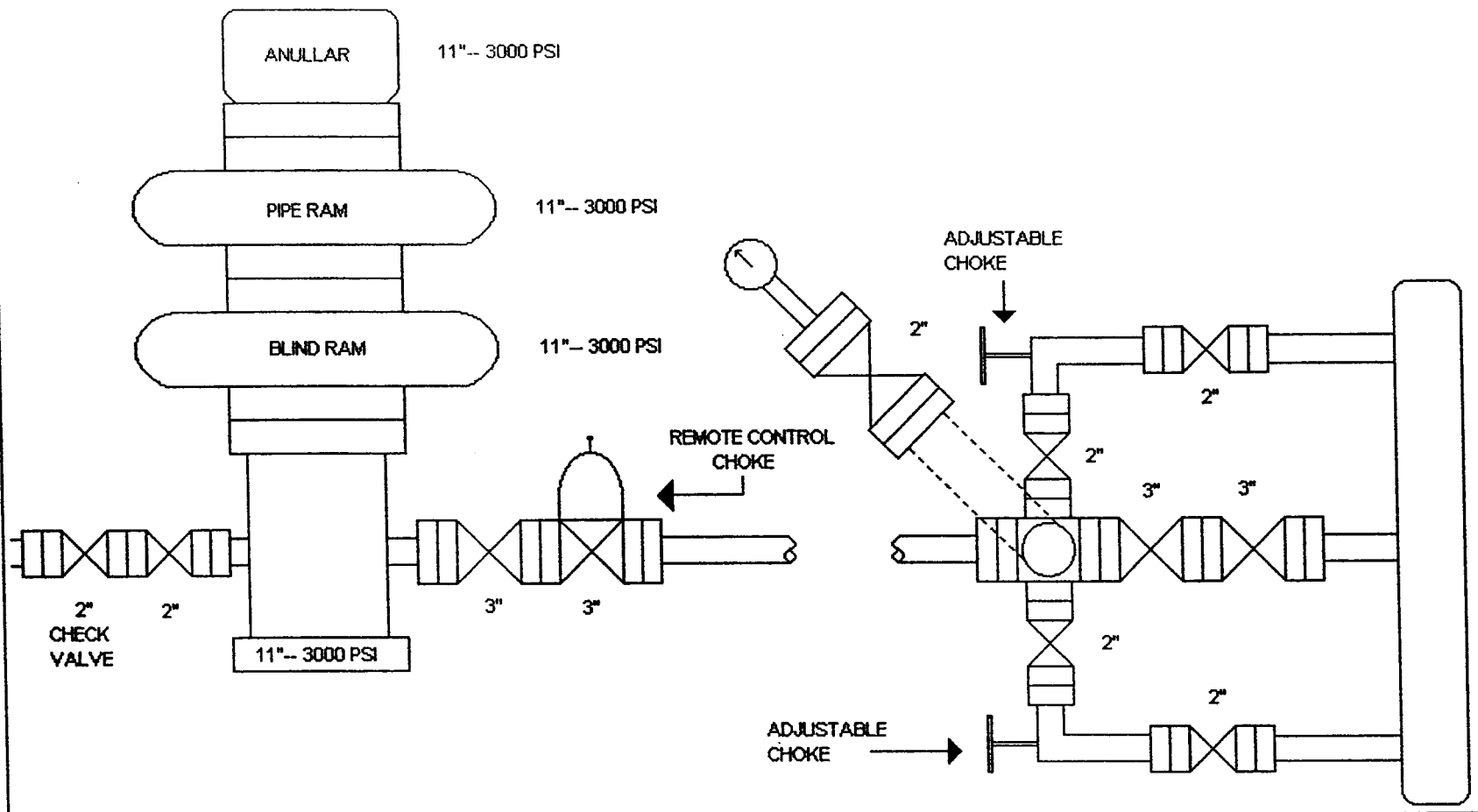
Type	Interval
DLL/SFL W/GR and SP	T.D. to Surf. Csg
FDC/CNL W/GR and CAL	T.D. to Surf. Csg

## **9. Abnormalities (including sour gas):**

No abnormal pressures, temperatures or other hazards are anticipated. Oil and gas shows are anticipated in the Wasatch Formation. Other wells drilled in the area have not encountered over pressured zones or H<sub>2</sub>S.

## **10. Drilling Schedule:**

The anticipated starting date is May 1, 1998. Duration of operations expected to be 30 days.



**ROSEWOOD RESOURCES, INC.**  
**13 POINT SURFACE USE PLAN**  
**FOR WELL**  
**HANGING ROCK F 7-10**  
**HANGING ROCK UNIT**  
**LOCATED IN**  
**NW 1/4, SE 1/4**  
**SECTION 7, T. 12 S., R. 24 E., U.S.B.&M.**  
**UINTAH COUNTY, UTAH**  
**LEASE NUMBER: UTU-66426**  
**SURFACE OWNERSHIP: FEDERAL**

## 1. Existing Roads

To reach the Rosewood Resources Inc., Hanging Rock F 7-10 well location, in Section 7, T 12 S, R 24 E, from Bonanza, Utah:

Starting in Bonanza, Utah proceed south on the paved road for 4 miles. Turn south (left) on the Book cliffs road (dirt road). Proceed south 3.9 miles to the Greeks Corrals. Turn west (right) at the fork in the road. Proceed 8.3 miles to the Asphalt Wash sign. Stay to the south (left) of the sign. Proceed .7 miles to the Rainbow sign. Stay to the west (right) of the sign. This is also called the Kings Wells road. Proceed 6 miles to the cedar corrals turn south (left). Proceed 1 miles existing oil field road. Proceed on the access road .3 miles to the proposed access road.

All existing roads to the proposed location are State or County Class D roads except for the last 800 feet..

Please see the attached map for additional details.

## 2. Planned access road

The proposed location will require approximately 800 feet of new road construction.

The road will be built to the following standards:

A) Approximate length	800 Ft.
B) Right of Way width	30 Ft.
C) Running surface	18 Ft.
D) Surfacing material	Native soil
E) Maximum grade	5%
F) Fence crossing	None
G) Culvert	None
H) Turnouts	None
I) Major cuts and fills	None
J) Road flagged	Yes
K) Access road surface ownership	Federal
L) All new construction on lease	Yes
M) Pipe line crossing	None

Please see the attached location plat for additional details.

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## Gas 7

Gas Well	7-8	Sec. 7, T. 12 S., R. 24 E.
Gas Well	7-8	Sec. 7, T. 12 S., R. 24 E.
Gas Well	6-15	Sec. 6, T. 12 S., R. 24 E.
Gas Well	O.S. 11	Sec. 5, T. 12 S., R. 24 E.
Gas Well	8-4	Sec. 8, T. 12 S., R. 24 E.
Gas Well	17-4	Sec. 17, T. 12 S., R. 24 E.
Gas Well	1-16	Sec. 1, T. 12 S., R. 23 E.

All permanent (on site for more than six months or longer) structures constructed or installed will be painted a **Juniper Green** color. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded. The required paint color is **Juniper Green**.

All tanks will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank in the battery. The integrity of the dike will be maintained.

The operator will adhere to all site security guidelines and regulations identified in 43 cfr 3126.7.

All off lease storage, off lease measurement, commingling on lease or off lease, of production, will have prior written approval from the authorized officer.

**A proposed surface gas line will be constructed and tie into an existing 4" line.** Please see the attached location diagrams for pipe line location. There will be no additional surface disturbances required for the installation of a gathering line. The line will be a 2" or 4" steel line.

The gas meter run will be located within 500' of the well head. The gas line will be buried or anchored down from the well head to the meter. Meter runs will be housed and/or fenced.

The gas meter will be calibrated and the tank strapped in place prior to any deliveries. Tests for meter accuracy will be conducted monthly for the first three months on new meter installations and at least quarterly thereafter. The authorized officer will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration report will be submitted to the BLM's Vernal District office. All measurement facilities will conform with API and AGA standards for gas and liquid hydrocarbon measurement.

## **5. Location and type of water supply**

Water for drilling and cementing the subject well will be hauled by truck from Rosewoods water station in Section 13, T11S, R23E. A second location may be used, it would be Evacuation Creek permit # 49-1595. The Evacuation Creek distribution point is in Section 7, T11S, R25E. Water for completion will come from the same supply or Vernal City.

## **6. Source of construction materials**

All construction material for this location site and access road shall be borrow material accumulated during construction of the location site and access road. Additional road gravels or pit lining material will be obtained from private sources.

## **7. Methods for handling waste disposal**

### **A) Pit construction and liners:**

The reserve pit will be approximately 10 ft. deep and most of the depth shall be below the surface of the existing ground. Please see the attached plat for details.

**The reserve pit will not be lined unless the pit is blasted or soil conditions would warrant a pit liner.**

The reserve pit will not be used to store water for drilling. A semi-closed system will be used to drill the well. All fresh water for drilling will come from a frac tank placed on location and from the rig tank. The pit will be used to hold non-flammable materials such as cuttings, salt, drilling fluids, chemicals, produced fluids, etc.

### **B) Produced fluids:**

Produced water will be confined to the reserve pit, or if deemed necessary, a storage tank for a period not to exceed 90 days after initial production. During the 90 day period an application for approval for a permanent disposal method and location will be submitted to the authorized officer.

### **C) Garbage:**

A trash cage fabricated from expanded metal will be used to hold trash on location and will be removed to an authorized land fill location.

### **D) Sewage:**

A portable chemical toilet will be supplied for human waste.

### **E) Site clean-up**

After the rig is moved off the location the well site area will be cleaned and all refuse removed.

## 8. Ancillary facilities

There are no ancillary facilities planned for at this time and none are foreseen for the future.

## 9. Well-site layout

Location dimensions are as follow:

A)	Pad length	325 ft.
B)	Pad width	155 ft.
C)	Pit depth	10 ft.
D)	Pit length	180 ft.
E)	Pit width	50 ft.
F)	Max cut	13.8 ft.
G)	Max fill	20.0 ft.
H)	Total cut yds	12,800 cu. yds.
I)	Pit location	south side
J)	Top soil location	north side
K)	Access road location	east end
L)	Flare pit	corner B

Please see the attached location diagram for additional details.

All pits will be fenced according to the following minimum standards:

- A) Thirty nine inch net wire shall be used with at least one strand of wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.
- B) The net wire shall be no more than 2 inches above the ground. The barbed wire shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C) Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.
- D) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 ft.
- E) All wire shall be stretched by using a stretching device before it is attached to the corner posts.



## 10. Plans for restoration of the surface

Prior to construction of the location, the top 6 inches of soil material will be stripped off the location and the pit area. The top soil will amount to approximately 1,000 cubic yards of material. **The top soil will be stockpiled in one distinct piles.** Placement of the top soil is noted on the attached location plat. **The top soil pile from the location will be seeded as soon as the soil is stock piled** with the seed mix listed. When all drilling and completion activities have been completed and the pit backfilled the top soil from the pit area spread on the pit area. **The pit area will be seeded when the soil has been spread.** The unused portion of the location (the area outside the dead men.) will be recontoured

The dirt contractor will be provided with an approved copy of the surface use plan prior to construction activities.

All disturbed areas will be recontoured to the approximate natural contours. Prior to back filling the pit the fences around the reserve pit will be removed.

The reserve pit will be reclaimed within 90 days of well completion. If the reserve pit has not dried sufficiently to allow back filling, an extension on the time requirement for back filling the pit will be requested. Once reclamation activities have begun, they shall be completed within 30 days.

After the reserve pit has been reclaimed, no depressions in the soil covering the reserve pit will be allowed. The objective is to keep seasonal rain fall and run off from seeping into the soil used to cover the reserve pit. Diversion ditches and water bars will be used to divert run off as needed.

When restoration activities have been completed, the location site and new access road cuts and shoulders shall be reseeded. Prior to reseeding, all disturbed areas will be scarified and left with a rough surface.

### A) Seeding dates:

Seed will be spread when the top soil is stock piled and when reclamation work is performed.

The seed mix and quantity listed will be used whether the seed is broadcast or drilled.

## **Seed Mix**

Four wing salt brush	4#/acre
Shad scale	2#/acre
Needle & thread grass	3#/acre
Indian rice grass	3#/acre

At such time as the well is plugged and abandoned the operator will submit a surface reclamation plan to the surface management agency for prescribed seed mixture and reseeding requirements.

## **11. Surface ownership:**

Access road	Federal
Location	Federal
Pipe line	Federal

## **12. Other information**

### **A) Vegetation:**

The vegetation coverage is slight. The majority of the existing vegetation consists of sage brush. Rabbit brush, bitter brush and Indian rice grass are also found on the location.

### **B) Dwellings:**

There are no dwellings, or other facilities within a one mile radius of the location.

### **C) Archeology:**

The location has not been surveyed. A copy of that survey will be forwarded to your office.

If, during operations, any archaeological or historical sites, or any objects of antiquity (subject to the antiquities act of June 8, 1906) are discovered, all operations which would effect such sites will be suspended and the discovery reported promptly to the surface management agency.

D) Water:

**The nearest water is the Green River located 4 miles to the north.**

E) Chemicals:

No pesticides, herbicides or other possible hazardous chemicals will be used without prior application.

F) Notification:

a) Location construction

At least forty eight (48) hours prior to construction of location and access roads

b) Location completion

Prior to moving on the drilling rig.

c) Spud notice

At least twenty-four (24) hours prior to spudding the well.

d) Casing string and cementing

At least twenty-four (24) hours prior to running casing and cementing all casing strings.

e) BOP and related equipment tests

At least twenty-four (24) hours prior to initial pressure tests.

f) First production notice

With in five (5) business days after the new well begins, or production resumes after well has been off production for more than ninety 90 days.

H) Flare pit

The flare pit will be located in corner B of the reserve out side the pit fence and 100 feet from the bore hole on the **west side of the location**. All fluids will be removed from the pit within 48 hours of occurrence.

**13. Lessees or Operator's representative and certification**

A) Representative

Name: William A. Ryan

Address: Rocky Mountain Consulting  
350 South, 800 East  
Vernal, Utah 84078

Telephone:  
Office 435-789-0968  
Fax 435-789-0970  
Cellular 435-828-0968

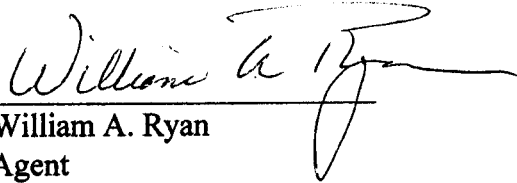
All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, onshore oil and gas orders, the applicable laws, regulations, and any applicable notices to lessees. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

This drilling permit will be valid for a period of one year from the date of approval. After permit termination, a new application will be filed for approval for any future operations.

B) Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill-site and access route, that I am familiar with the conditions which presently exist, that the statements made in this plan are, to the best of my knowledge and belief, true and correct, and that the work associated with the operation proposed herein will be performed by Rosewood Resources, Inc. and its contractors and subcontractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

Date March 19, 1998

  
William A. Ryan  
Agent  
Rocky Mountain Consulting

Onsite Date:	February 11, 1998
Participant on joint inspection:	
Danny Widner	Rosewood Resources, Inc.
Byron Tolman	BLM
Steve Matsen	BLM
Steve Strog	BLM

### **Statement of use of Hazardous Material**

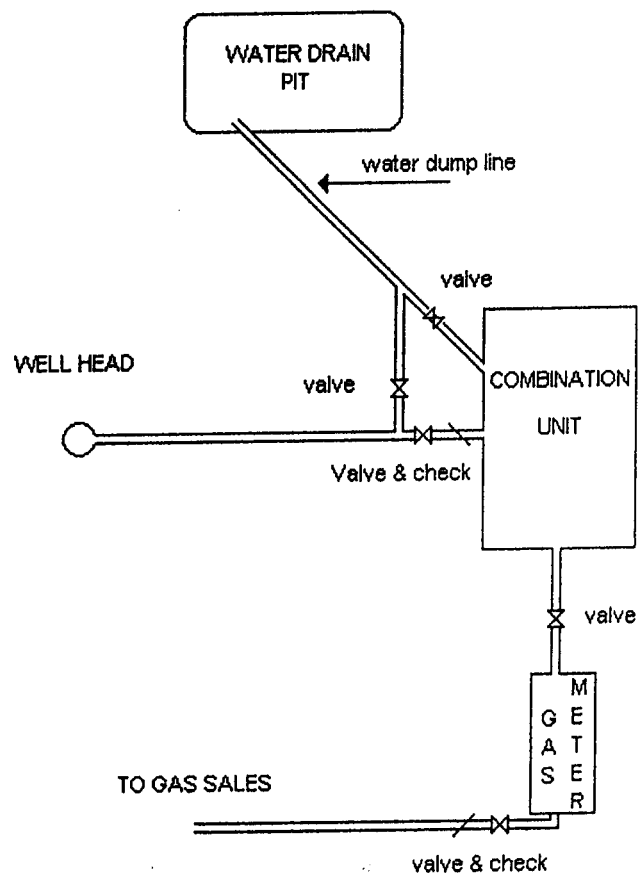
No chemical(s) from the EPA's Consolidated list of Chemicals subject to Reporting Under Title III of the Superfund Amendments and Reauthorization, Act (SARA) of 1986. will be used, produced, transported, stored, disposed, or associated with the proposed action. No extremely hazardous substances, as defined in 40 cfr 355, will be used, produced, stored, transported, disposed, or associated with the proposed action.

If you require additional information please contact:

William A Ryan  
Agent for Rosewood Resources, Inc.  
Rocky Mountain Consulting  
350 S. 800 E.  
Vernal Utah, 84078

Telephone  
(801) 789-0968 office  
(801) 823-6152 cellular  
(801) 789-0970 fax

ROSEWOOD RESOURCES, INC  
TYPICAL  
GAS WELL



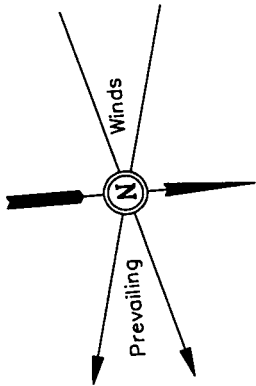
# ROSEWOOD RESOURCES, INC.

## LOCATION LAYOUT FOR

HANGING ROCK F #7-10

SECTION 7, T12S, R24E, S.L.B.&M.

2028' FSL 2289' FEL



SCALE: 1" = 50'  
DATE: 02-04-98  
Drawn By: D.R.B.

Approx.  
Top of  
Cut Slope

El. 126.5'  
**C-22.9'**  
(btm. pit)

**C-11.5'**  
El. 125.1'

**F-4.8'**  
El. 108.8'

**F-20.0'**  
El. 93.6'

Sta. 3+25

FLARE PIT

El. 118.8'  
**C-5.2'**

PIPE RACKS

**C-0.9'**  
El. 114.5'

Sta. 1+50

**F-8.5'**  
El. 105.1'

Approx.  
Toe of  
Fill Slope

Existing  
Drainage

Sta. 0+00

El. 127.4'  
**C-23.8'**  
(btm. pit)

**C-7.3'**  
El. 120.9'

**C-3.6'**  
El. 117.2'

**F-7.0'**  
El. 106.6'

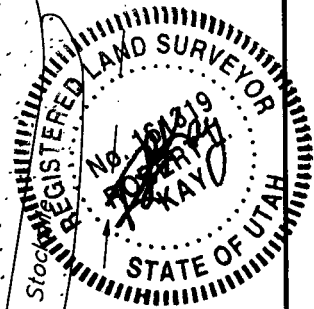
Reserve Pit Backfill  
& Spoils Stockpile

Elev. Ungraded Ground at Location Stake = **6114.5'**

Elev. Graded Ground at Location Stake = **6113.6'**

Proposed Access  
Road

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



Topsail Stockpile

Round Corners  
as Needed

DATA

175'

CATWALK

RIG

DOG HOUSE

120'

35'

30'

50'

180'

150'

10' WIDE BENCH

Slope = 1:1

Pit Capacity With  
2' of Freeboard  
is 9,710 Bbls. ±

RESERVE PITS  
(10' Deep)

MUD TANKS

PUMP

MUD SHED

HOPPER

POWER

TOOLS

FUEL

TRASH

STORAGE TANK

TRAILER

TOILET

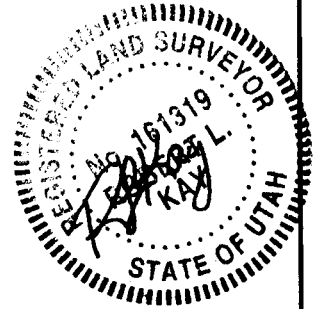
FUEL

WATER

# ROSEWOOD RESOURCES, INC.

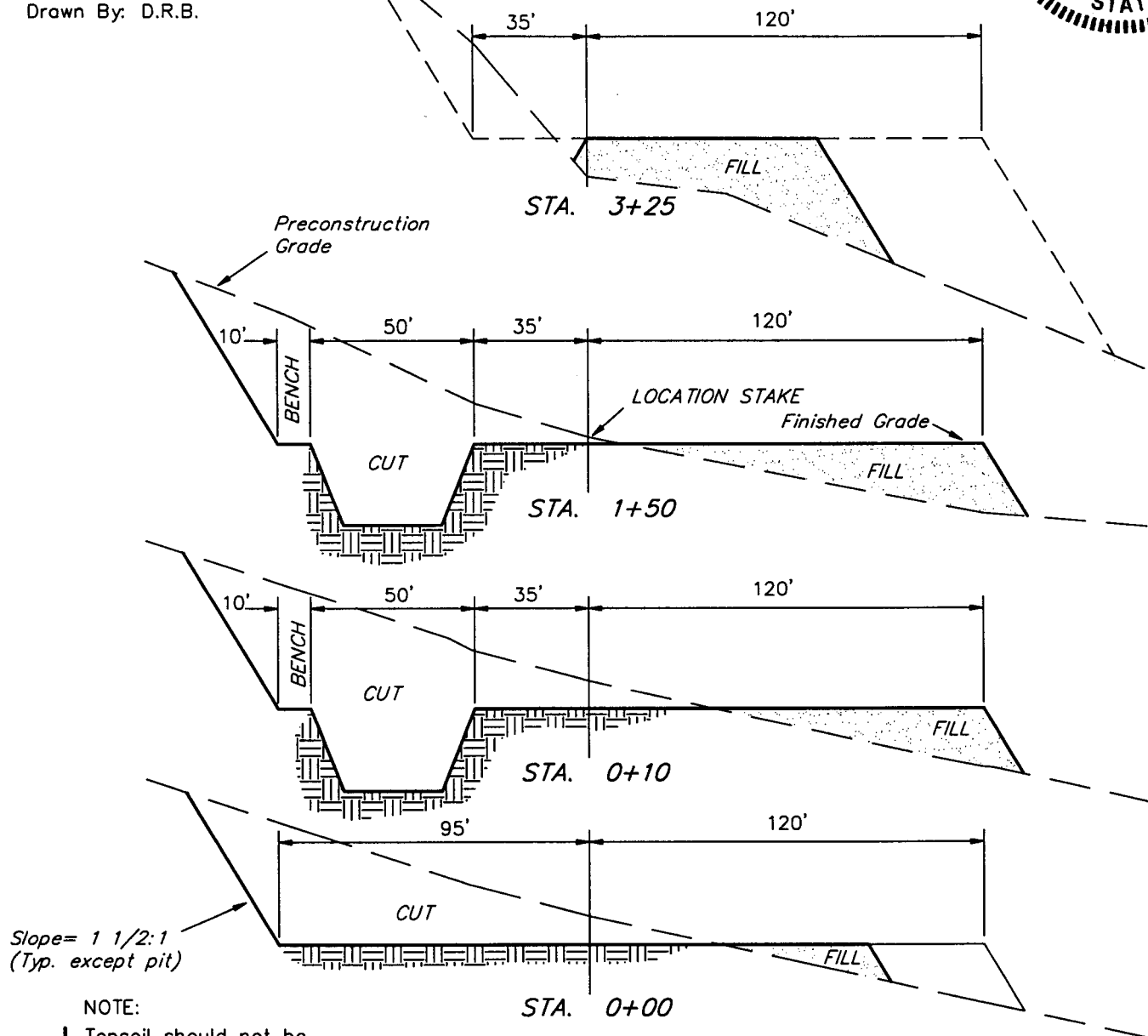
## TYPICAL CROSS SECTIONS FOR

HANGING ROCK F #7-10  
SECTION 7, T12S, R24E, S.L.B.&M.  
2028' FSL 2289' FEL



1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 02-04-98  
Drawn By: D.R.B.



### NOTE:

Topsoil should not be  
Stripped Below Finished  
Grade on Substructure Area.

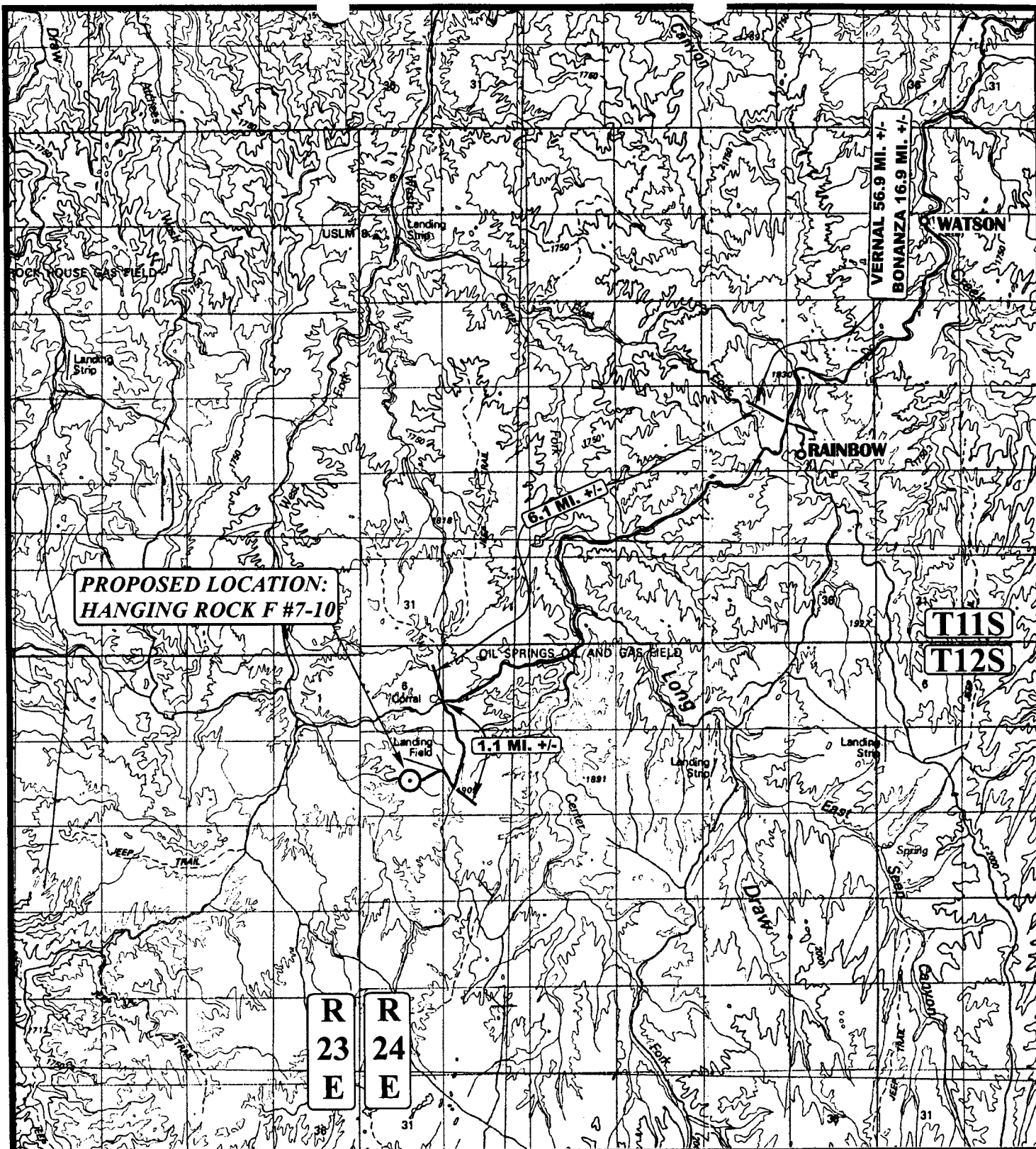
### APPROXIMATE YARDAGES

(6") Topsoil Stripping = 1,100 Cu. Yds.  
Remaining Location = 11,700 Cu. Yds.  
  
TOTAL CUT = 12,800 CU.YDS.  
FILL = 9,920 CU.YDS.

EXCESS MATERIAL AFTER  
5% COMPACTION = 2,360 Cu. Yds.  
Topsoil & Pit Backfill = 2,360 Cu. Yds.  
(1/2 Pit Vol.)  
EXCESS UNBALANCE = 0 Cu. Yds.  
(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017





# **LEGEND:**

○ PROPOSED LOCATION

## **ROSEWOOD RESOURCES, INC.**

HANGING ROCK F #7-10  
SECTION 7, T12S, R24E, S.L.B.&M.  
2028' FSL 2289' FEL



Uintah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



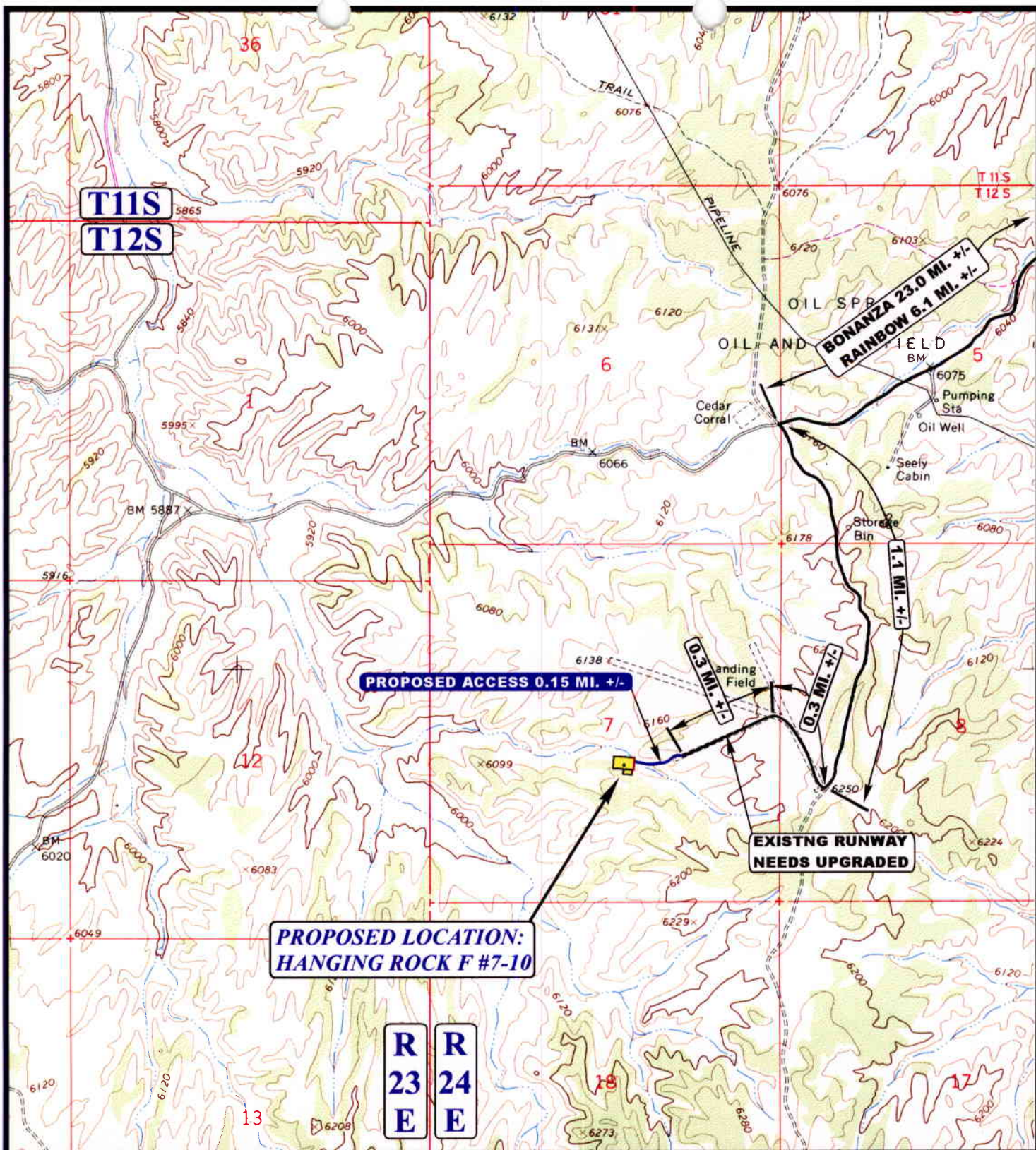
TOPOGRAPHIC  
MAP

2 2 98  
MONTH DAY YEAR

SCALE: 1 : 100,000 DRAWN BY: D.COX REVISED: 00-00-00







# LEGEND:

--- PROPOSED ACCESS ROAD  
--- EXISTING ROAD



Uintah Engineering & Land Surveying  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813



## ROSEWOOD RESOURCES, INC.

HANGING ROCK F #7-10  
 SECTION 7, T12S, R24E, S.L.B.&M.  
 2028' FSL 2289' FEL

TOPOGRAPHIC  
 MAP

2 2 98  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: D.COX REVISED: 00-00-00

B  
 TOPO







State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Ted Stewart  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

April 9, 1998

Rosewood Resources, Inc.  
100 Crescent Court, Suite 500  
Dallas, Texas 75201

Re: Hanging Rock F 7-10 Well, 2028' FSL, 2289' FEL, NW SE,  
Sec. 7, T. 12 S., R. 24 E., Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33100.

Sincerely,

for John R. Baza  
Associate Director

lwp

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Rosewood Resources, Inc.  
Well Name & Number: Hanging Rock F 7-10  
API Number: 43-047-33100  
Lease: UTU-66426  
Location: NW SE Sec. 7 T. 12 S. R. 24 E.

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jim Thompson at (801)538-5336.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801) 538-5338 or John R. Baza at (801)538-5334.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supercede the required federal approval which must be obtained prior to drilling.

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

## 1a TYPE OF WORK

DRILL



DEEPEN



PLUG BACK



## B TYPE OF WELL

OIL



GAS



WELL

OTHER

SINGLE



ZONE

MULTIPLE ZONE



## 2. NAME OF OPERATOR

Rosewood Resources, Inc.

## 3. ADDRESS OF OPERATORS

100 Crescent Court, Suite 500, Dallas TX 7520 214-871-5729

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirement)

at surface

2028' FSL, 2289' FEL, NW/SE

Sec. 7, T12S, R24E, S.L. B. &amp; M

At proposed prod. Zone

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

26.7 miles south of Bonanza, UT

## 15. DISTANCE FROM PROPOSED LOC. TO NEAREST PROP. OR LEASE LINE, FT. (Also to nearest drg. Unit line, if any)

2,028'

## 16. NO. OF ACRES IN LEASE

658.30

## 17. NO. OF ACRES ASSIGNED TO THIS WELL

40

## 18. DISTANCE FROM PROPOSED LOCATION \* TO NEAREST WELL, DRILLING COMPLETED. OR APPLIED FOR, ON THIS LEASE, FT.

2,640'

## 19. PROPOSED DEPTH

4,600'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATION (SHOW WHETHER DF. RT, GR, etc.)

6,114'

## 9. WELL NO.

F 7-10

## 10. FIELD OR LEASE NAME

11. Sec., T., R., M., OR BLK AND SURVEY OR AREA

Sec. 7, T12S, R24E, S.L. B. &amp; M

## 12. COUNTY OR PARISH

Uintah

## 13. STATE

Utah

## PROPOSED CASING AND CEMENT PROGRAM

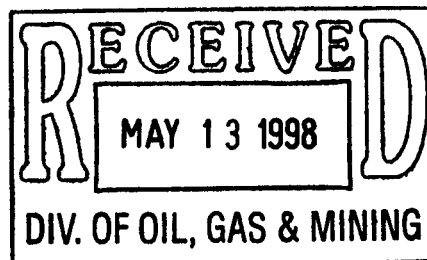
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24	300'	To Surface
7 7/8"	4 1/2"	11.6	T.D.	Cmt top to cover oil shale

Operator requests permission to drill the subject well  
please see the attached 10 point surface  
use plan.

If you require additional information please contact:

William (Bill) Ryan  
350 S. 800 E.  
Vernal, Utah  
435-789-0968 Office  
435-828-0968 Cellular

RECEIVED  
MAR 26 1998



IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposed is to deepen or plug back, give data on proposed productive zone and proposed ne productive zone. If proposal is to drill or deepen directional, give pertinent data on subsurface location and measure and true vertical depths. Give blowout preventer program, if any.

24

SIGNATURE

William A. Ryan

TITLE

Agent

DATE

3/11/98

( This space for Federal or State Office Use )

PERMIT NO.

APPROVAL DATE

Assistant Field Manager

Mineral Resources

DATE

5/4/98

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

**CONDITIONS OF APPROVAL ATTACHED**

**NOTICE OF APPROVAL**

\*See Instructions on Reverse Side

Title 18 U. S. C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**CONDITIONS OF APPROVAL**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Rosewood Resources, Inc.

Well Name & Number: Hanging Rock F 7-10

API Number: 43-047-33100

Lease Number: U - 66426

Location: NWSE Sec. 07 T.12S R. 24E

**NOTIFICATION REQUIREMENTS**

- |                                 |   |   |
|---------------------------------|---|---|
| Location Construction           | - | at least forty-eight (48) hours prior to construction of location and access roads.   |
| Location Completion             | - | prior to moving on the drilling rig.  |
| Spud Notice                     | - | at least twenty-four (24) hours prior to spudding the well.   |
| Casing String and Cementing     | - | at least twenty-four (24) hours prior to running casing and cementing all casing strings.   |
| BOP and Related Equipment Tests | - | at least twenty-four (24) hours prior to initiating pressure tests.   |
| First Production Notice         | - | within five (5) business days after new well begins, or production resumes after well has been off production for more than ninety (90) days. |

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.



## CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

### A. DRILLING PROGRAM

#### 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to Tim Ingwell of this office **prior to setting the next casing or requesting plugging orders**. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.



3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany oil shale zone, identified at 1,010 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to the top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling onlease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted on initial meter installations and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

The APD approval is for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, please contact one of the following individuals:

Ed Forsman (435) 789-7077  
Petroleum Engineer

Wayne P. Bankert (435) 789-4170  
Petroleum Engineer

Jerry Kenczka (435) 781-1190  
Petroleum Engineer

BLM FAX Machine (435) 781-4410

## **EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES**

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids.

### **SURFACE USE PROGRAM**

-Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development. (1989).

-The road shall be constructed/upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Construction/upgrading shall include ditching, draining, and crowning (2 to 3%). Graveling or capping the roadbed will be required as necessary to provide a well constructed safe road. Prior to construction/upgrading, the proposed road surface or existing road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot right-of-way will not be allowed. Should mud holes develop, they shall be filled in to prevent detours. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. When snow is removed from the road during the winter months, the snow should be pushed outside of the burrow ditches and the turn outs should be kept clear so that when the snow melts the water will be channeled away from the road.

-The operator shall control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds may be obtained from the BLM, or the appropriate County Extension Office. On BLM administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

-Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without BLM authorization. However, if BLM authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BLM does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs).

-The location topsoil pile shall be seeded immediately after the soil is piled by broadcasting the seed mix identified in the APD, then walking the topsoil pile with the dozer to plant the seed.

-Once the reserve pit is dry, it shall be filled, recontoured, topsoil spread, and seeded in the same manner discussed above.

-No construction or drilling shall be conducted during the critical mule deer winter season (Nov. 1 to Mar. 31). If the well becomes a producing well, a gate should be installed at the end of the runway area which could be locked during the critical deer winter season. Access would not be denied for well operation, but only to the general public. The gate should be cooperatively signed by Rosewood Resources and BLM explaining the reason for the road closure.

OPERATOR ROSEWOOD RESOURCES, INC.  
ADDRESS P.O. Box 1668  
Vernal, UT 84078

OPERATOR ACCT. NO. N 7510

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	12400	4304733100	HANGING ROCK Fed I #7-10	NWSE	7	12S	R24E	Uintah	6/18/98	6/18/98
WELL 1 COMMENTS: Add to Hanging Rock Unit <i>Entity added / non P.A. 7-98. Lee</i>											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

*Larry Nemo*  
Signature \_\_\_\_\_  
Admin. Assistant 7/2/98  
Title \_\_\_\_\_ Date \_\_\_\_\_  
Phone No. (435) 789-0414

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reenter a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.  
UTU-66426

6. If Indian, Allottee or Tribe Name  
NA

7. If Unit or CA, Agreement Designation  
HANGING ROCK

8. Well Name and No.  
HANGING ROCK F #7-10

9. API Well No.  
43-047-33100

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH CO., UTAH

**SUBMIT IN TRIPLICATE**

**1. Type of Well**

☐ Oil Well ☒ Gas Well ☐ Other

**2. Name of Operator**

ROSEWOOD RESOURCES, INC.

**3. Address and Telephone No.**

P.O. Box 1668, Vernal, UT 435-789-0414

**4. Location of Well (Footage, Sec., T., R., M., or Survey Description)**

NW/SE SECTION 7, T12S, R24E

**12. CHECK APPROPRIATE BOX(es) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

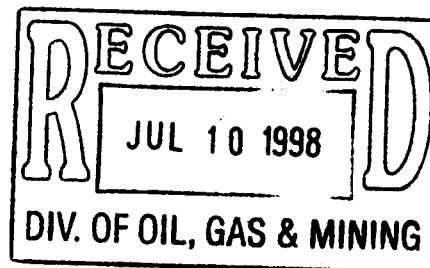
**TYPE OF ACTION**

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other SPUD  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Operator reports the above referenced well was spud on 6/18/98 @ 4:00 p.m. by Bill Jr's Rathole Service.  
(See attached report for setting of surface casing.)



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

14. I hereby certify that the foregoing is true and correct

Signed

*Lucy Neme*

Title Administrative Assistant

Date 07/02/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:





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**TYPE OF ACTION**

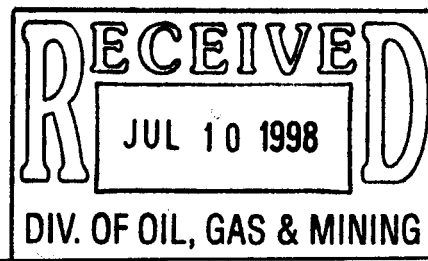
☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
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(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

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WEEKLY STATUS - RU CAZA RIG #56 6/21/98; DRILLED TO TD @ 4600'; RAN AND CEMENTED 4-1/2" CSG. CAZA RIG #56 RELEASED @ 6:00P.M. 6/26/98. SEE ATTACHED RIG REPORTS.

CURRENT STATUS - WAITING ON COMPLETION RIG.



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

**14. I hereby certify that the foregoing is true and correct**

Signed

*[Signature]*

Title Administrative Assistant

Date 07/02/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

# ROSEWOOD RESOURCES, INC.

# DAILY DRILLING REPORT

LEASE: HANGING ROCK  
WELL: #7-10

DATE: 6/22/98

CURRENT DEPTH 530'  
PROPOSED TD 4600'  
FOOTAGE PAST 24 HRS 0  
ENGINEER D.WIDNER  
CONSULTANT BO SHERMAN

PRESENT OPERATION: DRILLING CEMENT

FROM	TO	ACTIVITY PAST 24 HRS:
700	1900	RIG UP CAZA RIG #56
1900	2130	NIPPLE UP
2130	200	PRESSURE TEST BOP'S
200	230	INSTALL WEAR RING
230	415	PICK UP BHA
415	600	DRILLING CEMENT AND SHOE
		PRESSURE TEST PIPE RAMS, BLIND RAMS, CHOKE MANIFOLD,
		KILL VALVE, UPPER KELLY VALVE, FLOOR VALVE 3000 PSI 10 MIN.
		PRESSURE TEST ANNULAR 1500 PSI 10 MIN, PRESSURE TEST CASING 1500 PSI 1500 30 MIN.

## MUD PROPERTIES:

WT	WATER	% OIL		Ca+	
VIS		%SAND		cake	
WL		%SOLID		pH	
HTHP		ALK		DAILY MUD COST	
PV		CL-		CUM. MUD COST	
YP					

## DAILY COSTS:

FOOTAGE	
DAYWORK	
LOCATION	
MUD	
RIG MOVE	
SURVEYOR	
LOGGING	
MUD LOG	
CEMENTING	
FISHING	
WATER	
WELLHEAD	
CSG CREW	
RENTALS	450
CASING	
SUPERVISION	500
CASING HEAD	
TOTAL DAILY	950
COST FORWARD	29699
CUM.TO DATE	30649

## PUMP DATA:

	1	2
MAKE	Omega	Emsco
MODEL	750	500
LINER	8X6.5	7X6
SPM	108	
PSI	700	

## HYDRAULICS:

WOB	5000
RPM	57/105
GPM	350

## BIT RECORD:

Bit #	1	2
Ser#	U09902	
Size	7 7/8	
Make	REED	
Type	HP53A	
Jets	3X16	
In @	530	
Out @		
Feet		
Hrs		
Ft/Hr		

## SURVEY DATA:

DEPTH	DEGREES

ADDITIONAL COMMENTS:

# DAILY DRILLING REPORT

**LEASE: HANGING ROCK**

DATE: 6/23/98

CURRENT DEPTH 2640'

WELL: #7-10

PROPOSED TD 4600'

FOOTAGE PAST 24 HRS 2110'

**PRESENT OPERATION: DRILLING**

ENGINEER D.WIDNER

CONSULTANT BO SHERMAN

FROM	TO	ACTIVITY PAST 24 HRS:
600	630	INSTALL ROTATING HEAD
630	945	DRILLING 530' TO 873'
945	1000	SERVICE RIG FUNCTION TEST BOP'S
1000	1100	DRILLING 873' TO 997'
1100	1130	WIRE LINE SURVEY 997'
1130	1445	DRILLING 997' TO 1420'
1445	1700	TRIP FOR BIT
1700	1745	DRILLING 1420' TO 1488'
1745	1800	WIRE LINE SURVEY 1488'
1800	2200	DRILLING 1488' TO 2015'
2200	2230	RIG SERVICE WIRE LINE SURVEY 2015'
2230	400	DRILLING 2015' TO 2511'
400	415	WIRE LINE SURVEY @ 2511'
415	600	DRILLING 2511' TO 2640'

**MUD PROPERTIES:**

WT	8.7	% OIL	
VIS	35	% SAND	
WL		% SOLID	
HTHP		ALK	
PV		Cl-	
YP			

Ca+	
cake	2/32
pH	10

DAILY MUD COST	21
CUM. MUD COST	21

**DAILY COSTS:**

FOOTAGE	38191
DAYWORK	
LOCATION	
MUD	21
RIG MOVE	
SURVEYOR	
LOGGING	
MUD LOG	500
CEMENTING	
FISHING	
WATER	2130
WELLHEAD	
CSG CREW	
RENTALS	450
CASING	
SUPERVISION	500
CASING HEAD	

**PUMP DATA:**

	1	2
MAKE	Omega	Emsco
MODEL	750	500
LINER	8X6.5	7X6
SPM	108	
PSI	600/800	

**HYDRAULICS:**

WOB	15/20
RPM	57/105
GPM	350

**BIT RECORD:**

Bit #	1	2
Ser#	UO9902	5984792
Size	7 7/8	7 7/8
Make	REED	SEC
Type	HP53A	FM2565
Jets	3X16	3x12/4x13
In @	497	1420
Out @	1420	
Feet	923	1220
Hrs	7 1/2	12
Ft/Hr	123	101
CUM	7	19
Grade	ZZI	

**SURVEY DATA:**

[illegible]

ADDITIONAL COMMENTS:  
NO SHOWS  
TOP WASATCH 2570'

TOTAL DAILY	41792
COST FORWARD	30649
CUM.TO DATE	72441

# DAILY DRILLING REPORT

ENGINEER D.WIDNER  
CONSULTANT BO SHERMAN

[illegible]

**DAILY COSTS:**

WT	10.4	% OIL	0	Ca+	40	
VIS	50	%SAND	TR	cake	2/32	
WL	7.8	%SOLID	10.6	pH	9.5	
HTHP		ALK	.6			DAILY MUD COST 1448
PV	14	CI-	1200			CUM. MUD COST 3835
YP	6					

FOOTAGE	10136
DAYWORK	
LOCATION	
MUD	1448
RIG MOVE	
SURVEYOR	
LOGGING	
MUD LOG	500
CEMENTING	
FISHING	
WATER	540
WELLHEAD	
CSG CREW	
RENTALS	450
CASING	
SUPERVISION	500
CASING HEAD	

**PUMP DATA:**

	1	2
MAKE	Omega	Emsco
MODEL	750	500
LINER	8X6.5	7X6
SPM	106	
PSI	900/1200	

### HYDRAULICS:

WOB	15/20
RPM	3421
GPM	342

**BIT RECORD:**

Bit #	1	2
Ser#		5984792
Size		7 7/8
Make		SEC
Type		FM2565
Jets		3x12/4x13
In @		1420
Out @		4600
Feet		3180
Hrs		48 1/4
Ft/Hr		65.9
CUM		55 1/4

**SURVEY DATA:**

[illegible]

TOTAL DAILY	13574
COST FORWARD	101597
CUM.TO DATE	115171

**ADDITIONAL COMMENTS:**

**SHOW #15 4304' TO 4318' UNITS 1260**

**SHOW #16 4352' TO 4370' UNITS 510**

**MESAVERDE TOP 4092'**

TRIP GAS 1940' UNITS

# DAILY DRILLING REPORT

CURRENT DEPTH	4600 TD
PROPOSED TD	4600TD
FOOTAGE PAST 24 HRS	0
ENGINEER	D.WIDNER
CONSULTANT	BO SHERMAN

ENGINEER D.WIDNER  
CONSULTANT BO SHERMAN

**MUD PROPERTIES:**

Ca+	40
cake	2/32
pH	9

**DAILY COSTS:**

**PUMP DATA:**

### HYDRAULICS:

**BIT RECORD:**

**SURVEY DATA:**

TOTAL DAILY	23270
COST FORWARD	115171
CUM.TO DATE	138441

ADDITIONAL COMMENTS:  
1040 UNITS TRIP GAS



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UINTAH CO., UTAH

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☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

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P.O. Box 1668, Vernal, UT 435-789-0414

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☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

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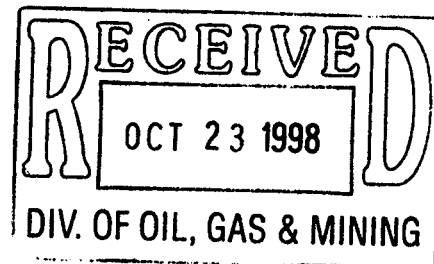
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Operator reports the above well was placed on production @ 5:30 p.m. on 10/1/98.

Initial 24 hr. production: 1010 MCF/D; 5.1bbls. condensate; 0 bbls. water.  
16/64" choke.

Future production will be reported on MMS-3160 monthly report.



COPIES: ORIG. & 2-BLM; DIV. OG&M; J MCQUILLEN

14. I hereby certify that the foregoing is true and correct

Signed

*Lucy Nemer*

Title Administrative Assistant

Date 10/19/98

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:



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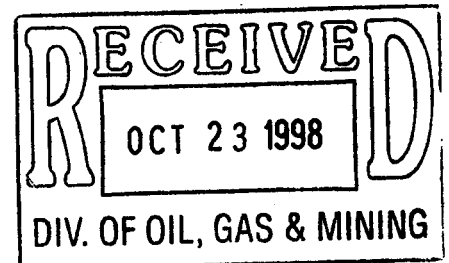
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Produced water will be tanked on location and then trucked to the state approved TU & FRUM Disposal Facility located in Section 12, T5S, R19E, Uintah County. Produced water will be reported on the Monthly MMS-3160 form.



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Signed

*[Signature]*

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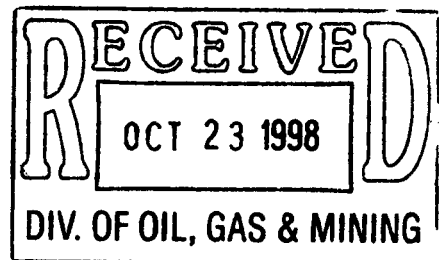
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Weekly Status - completion from 8/25 - 10/1/98 (See attached rig reports)  
Current Status - Completing



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14. I hereby certify that the foregoing is true and correct

Signed Luz Nemes Title Administrative Assistant Date 10/19/98

(This space for Federal or State office use)

Approved by \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

Conditions of approval, if any:

**ROSEWOOD RESOURCES, INC.****Daily Completion Report****WELL NAME: HANGING ROCK F #7-10****DATE: 10/19/98**

<b>DEPTH:</b>	<b>4600'</b>			
<b>PBTD</b>	<b>4543'</b>	<b>PERFS</b>	<b>Lease #:</b>	<b>UTU-66426</b>
<b>PERFS:</b>	<b>4161'-71'</b>	<b>3873' - 83'</b>	<b>Location:</b>	<b>NW/SE SEC.7,12S,R24E</b>
	<b>3978' - 88'</b>	<b>3919' - 24'</b>	<b>County:</b>	<b>Uintah Co., Utah</b>
	<b>4011' - 24'</b>	<b>3742' - 39'</b>		
<b>PACKER:</b>		<b>3581' - 86'</b>		
<b>RBP:</b>		<b>3314' - 18'</b>		
<b>CIBP:</b>	<b>3570'</b>	<b>3797' - 3400'</b>	<b>Engineer</b>	<b>D. Widner</b>
<b>EOT:</b>	<b>3451'</b>	<b>3406' - 10'</b>	<b>Consultant</b>	<b>S. MILLER</b>
		<b>3466' - 70'</b>	<b>PERFS</b>	<b>PERFS</b>
		<b>3232' - 36'</b>	<b>3075' - 82'</b>	<b>2718' - 21'</b>
<b>7/11/98</b>		<b>3253' - 61'</b>	<b>3089' - 3100'</b>	<b>2724' - 2440'</b>

R/U SCHLUMBERGER. RIH W/ GAUGE RING TO 4486'. RUN CEMENT BOND LOG FROM 4486' TO 200' W/ 1000# SURFACE PRESSURE. EST TOP OF CEMENT @ SURFACE'. R/D WIRELINE. WAIT ON COMPLETION TOOLS.

Daily cost \$6,590 cum. cost \$193,595

**8/25/98**

MIRU K&S WELL SERVICE RIG #1. HOOK UP PUMP & LINES. UNLOAD & TALLY TBG. N/U BOP'S. P/U 3 7/8" DRAG BIT, CSG SCRAPER & RIH W/ 2 3/8" TBG. TAG PBTD @ 4540'. DISPLACE WELL W/ 3% KCL WATER & PRESSURE TEST TO 2500#. HELD OK! SWAB WELL DOWN TO 2500'. POOH W/ TBG & TOOLS. SION

Daily cost \$30,270 cum. cost \$223,865

**8/26/98**

\*R/U SCHLUMBERGER. RIH W/ 3 3/8" CSG GUN & PERFORATE INTVL 4161'- 71' 4 SPF 40 HOLES TOTAL. HAD NO PRESSURE INCREASE. R/D WIRELINE. P/U XN- NIPPLE, 8' PUP JT, ARROWSET 1-X PKR, ON/OFF TOOL, 1 JT TBG, X- NIPPLE & RIH W/ 131 JTS 2 3/8" TBG. SET PKR @ 4059' & LAND TBG ON HANGER @ 4073'. PRESSURE TEST PKR TO 2500#. HELD OK! FILL TBG & BREAK DOWN PERFS W/ RIG PUMP USING 3% KCL WATER. ZONE BROKE @ 2500#. AVG 2 BPM @ 1600#. ISIP 1400# (.78 FRAC GRAD.) PUMPED 5 BBLS INTO PERFS. R/U & SWAB WELL. MADE 4 CONSECUTIVE RUNS & 4 HOURLY RUNS. RECOVERED 21.5 BBLS WATER W/ SMALL GAS BLOW. FLOW TESTED WELL ON 8/64 CHOKE BETWEEN HOURLY SWAB RUNS. FTP @ 40#. HAVE RECOVERED ALL LOAD FLUID. SION

Daily cost \$9,150 cum. cost \$233,015

**8/27/98**

CHECK PRESSURE. SITP 680#. WELL BLEW DOWN IMMEDIATELY. R/U & SWAB WELL. FL @ 2000'. MADE 2 CONSECUTIVE RUNS & 3 HOURLY RUNS & RECOVERED 19 BBLS WATER W/ SMALL GAS SHOW. EST 20 MCFD RATE. RELEASE PKR & POOH W/ TBG & TOOLS. R/U SCHLUMBERGER. RIH & SET CIBP @ 4130'. PRESSURE TEST PLUG TO 2500#. HELD OK! RIH W/ BAILER & SPOT 2sx CEMENT ON CIBP. RIH W/ 3 3/8" CSG GUNS & PERFORATE INTVLS 3978'- 88' & 4011'- 24' 4 SPF 92 HOLES TOTAL. R/D WIRELINE. HAD NO PRESSURE INCREASE. P/U XN- NIPPLE, 8' PUP JT, ARROWSET 1-X PKR, ON/OFF TOOL, 1 JT TBG, X- NIPPLE & RIH W/ 125 JTS 2 3/8" TBG. SET PKR @ 3876' & LAND TBG ON HANGER @ 3889'. TEST TOOLS TO 2500#. HELD OK! R/U & SWAB WELL. MADE 3 RUNS & RECOVERED 17 BBLS WATER. SION

Daily cost      \$9,895   cum. cost      \$242,910

8/28/98

CHECK PRESSURE. SITP 1100#. WELL BLEW DOWN IMMEDIATELY. R/U & SWAB WELL. FL @ 1200'. MADE 3 CONSECUTIVE & 1 HOURLY RUN & RECOVERED 18 BBLS WATER. WELL FLOWED W/ 70# ON 8/64 CHOKE. FILL TBG & BREAK DOWN PERFS W/ RIG PUMP USING 3% KCL WATER. ZONES BROKE @ 2600#. AVG 2 BPM @ 1900#. ISIP 1400# (.79 FRAC GRAD.) R/U & SWAB WELL. MADE 3 CONSECUTIVE RUNS & 1 HOURLY RUN & RECOVERED 22 BBLS WATER. WELL FLOWING W/ 40# ON 8/64 CHOKE. RELEASE PKR & RESET @ 3999'. FILL TBG & BREAK DOWN PERFS @ 4011'- 24' W/ RIG PUMP USING 3% KCL WATER. ZONE BROKE @ 2500#. AVG 2 BPM @ 1700#. ISIP 1300# (.76 FRAC GRAD.) R/U & SWAB WELL. MADE 5 RUNS & RECOVERED 23.5 BBLS WATER W/ VERY SMALL GAS SHOW. RELEASE PKR & RESET ABOVE BOTH SETS OF PERFS @ 3940'. PRESSURE TEST PKR TO 2500#. HELD OK! R/U & SWAB WELL DOWN. MADE 3 RUNS & RECOVERED 11 BBLS WATER W/ GOOD GAS SHOW. SION

Daily cost      \$2,930   cum. cost      \$245,840

8/29/98

CHECK PRESSURE. SITP 1100#. WELL BLEW DOWN IMMEDIATELY. R/U & SWAB WELL. FL @ SURFACE'. MADE 1 RUN & RECOVERED 6 BBLS WATER. FLOW WELL TO TANK FOR 1 1/2 HRS ON 3/4" CHOKE. RECOVERED 12 BBLS WATER. RELEASE PKR. POOH W/ TBG & TOOLS. R/U SCHLUMBERGER. RIH & SET CIBP @ 3970'. TEST PLUG TO 2500#. HELD OK! RIH & SPOT 1sk CEMENT ON PLUG W/ BAILER. RIH W/ 3 3/8" CSG GUNS & PERFORATE INTVLs 3873'- 83' & 3919'- 24', 4 SPF, 60 HOLES TOTAL. R/D WIRELINE. P/U XN-NIPPLE, 6' PUP JT, ARROWSET 1-X PKR, ON/OFF TOOL, 1 JT TBG, X- NIPPLE & RIH W/ 122 JTS 2 3/8" TBG. SET PKR @ 3782' & LAND TBG ON HANGER @ 3795'. TEST PKR TO 2500#. HELD OK! R/U & SWAB WELL. FL @ 1800'. MADE 3 RUNS & RECOVERED 7 BBLS WATER. FLOW WELL 1 HR ON 8/64 CHOKE. FTP @ 56#. SION

Daily cost      \$8,130   cum. cost      \$253,970

8/30/98

CHECK PRESSURE. SITP 980#. WELL BLEW DOWN IMMEDIATELY. R/U & SWAB WELL. FL @ 3000'. MADE 1 RUN & RECOVERED 5 BBLS WATER. FLOW WELL ON 16/64 CHOKE FOR 2 HRS. FTP @ 32#. RELEASE PKR & RESET @ 3902'. BREAKDOWN PERFS BELOW PKR @ 3919'- 24' W/ RIG PUMP USING 3% KCL WATER. MAX PSI 1600#. AVG RATE 3 BPM @ 1500#. ISIP 700# (.62 FRAC GRAD.) PUMPED 6 BBLS INTO PERFS. BREAKDOWN PERFS ABOVE PKR @ 3873'- 83' W/ RIG PUMP. ZONE BROKE @ 2000#. AVG RATE 2 BPM @ 1500#. ISIP 1000# (.70 FRAC GRAD.) PUMPED 6 BBLS INTO PERFS. R/U & SWAB TEST INTVL 3919'- 24'. MADE 6 RUNS & RECOVERED 26 BBLS WATER W/ SMALL GAS SHOW. FFL @ 3000'. EST FLUID ENTRY 1 BPH. RELEASE PKR & RESET @ 3782'. TEST TOOLS TO 2500#. HELD OK! R/U & SWAB BOTH SETS OF PERFS. IFL @ SURFACE. MADE 4 CONSECUTIVE & 3 HOURLY RUNS. RECOVERED 34 BBLS TOTAL. EST FLUID ENTRY 4 BPH. INSTALLED 16/64 CHOKE & FLOW TESTED WELL BETWEEN HOURLY RUNS. FTP @ 22#. SION

Daily cost      \$2,845   cum. cost      \$256,815

9/1/98

CHECK PRESSURE. SITP 750#. WELL BLEW DOWN IMMEDIATELY. R/U & SWAB WELL. FL @ 1800'. MADE 2 RUNS & RECOVERED 5 BBLS WATER. FLOW WELL ON 12/64 CHOKE FOR 1 HR. FTP @ 60#. RECOVERED 5 BBLS WATER. RELEASE PKR & POOH W/ TBG & TOOLS. R/U SCHLUMBERGER. RIH & SET CIBP @ 3848'. TEST PLUG TO 2500#. HELD OK! SPOT 1sk CEMENT ON PLUG W/ BAILER. RIH W/ 3 3/8" CSG GUN & PERFORATE INTVL @ 3742'- 49', 4 SPF, 28 HOLES TOTAL. R/D WIRELINE. HAD NO PRESSURE INCREASE. P/U XN- NIPPLE. 6' PUP JT, ARROWSET 1-X PKR, ON/OFF TOOL, 1 JT TBG, X- NIPPLE & RIH W/ 118 JTS TBG. SET PKR @ 3660' & LAND TBG ON HANGER @ 3673'. TEST PKR TO 2500#. HELD OK! R/U & BREAK DOWN PERFS W/ RIG PUMP USING 3% KCL WATER. ZONE BROKE @ 1700#. AVG 3 BPM @ 1600#. ISIP 1100# (.73 FRAC GRAD.) R/U & SWAB WELL DOWN. MADE 3 CONSECUTIVE RUNS & 1 HOURLY RUN & RECOVERED 15 BBLS WATER. SION

Daily cost       \$7,280 cum. cost    \$264,095

9/2/98

CHECK PRESSURE. SITP 125#. WELL BLEW DOWN IMMEDIATELY. R/U & SWAB WELL. FL @ 2600'. MADE 2 CONSECUTIVE & 6 HOURLY RUNS & RECOVERED 3 BBLS WATER. FLOW TESTED WELL ON 8/64 CHOKE BETWEEN RUNS. FTP @ 10#. SION

Daily cost       \$2,600 cum. cost    \$266,695

9/3/98

CHECK PRESSURE. SITP 150#. WELL BLEW DOWN IMMEDIATELY. R/U & SWAB WELL. FL @ 2900'. MADE 1 RUN & RECOVERED 2 BBLS WATER. FILL TBG W/ 11 BBLS KCL WATER & PUMP 10 BBLS INTO PERFS W/ RIG PUMP. AVG 3 BPM @ 1600#. ISIP 1200# (.76 FRAC GRAD.) R/U & SWAB WELL. MADE 3 CONSECUTIVE & 3 30 MIN. RUNS & RECOVERED 20 BBLS WATER W/ SMALL GAS SHOW. RELEASE PKR & POOH W/ 2 3/8" TBG & TOOLS. R/U SCHLUMBERGER. RIH & SET CIBP @ 3710'. PRESSURE TEST PLUG TO 2500#. HELD OK! RIH & SPOT 1 sk CEMENT ON PLUG W/ BAILER. RIH W/ 3 3/8" CSG GUN & PERFORATE INTVL 3581'- 86', 4 SPF, 20 HOLES TOTAL. R/D WIRELINE. RIH W/ XN- NIPPLE, 6' PUP JT, ARROWSET 1-X PKR, ON/OFF TOOL, 1 JT TBG, X- NIPPLE & RIH W/ 113 JTS TBG. SET PKR @ 3509' & LAND TBG ON HANGER @ 3522'. PRESSURE TEST PKR TO 2500#. HELD OK! BREAK DOWN PERFS W/ RIG PUMP USING 3% KCL WATER. ZONE BROKE @ 2200#. AVG 2 BPM @ 1600#. ISIP 1350# (.82 FRAC GRAD.) R/U & SWAB WELL. MADE 4 RUNS & RECOVERED 16 BBLS WATER W/ LIGHT GAS BLOW. HAVE 3 BLTR. FFL @ 3400' SION

Daily cost       \$7,085 cum. cost    \$273,780

9/4/98

CHECK PRESSURE. SITP 200#. WELL BLEW DOWN IMMEDIATELY. R/U & SWAB WELL. FL @ 200'. MADE 3 RUNS & RECOVERED 13 BBLS WATER. MADE 2- 30 MIN RUNS W/ NO FLUID ENTRY. FILL TBG W/ 13 BBLS KCL WATER & PUMP 10 BBLS INTO PERFS. AVG 2 BPM @ 1500#. ISIP 1000#. R/U & SWAB WELL. MADE 7 RUNS & RECOVERED 20 BBLS WATER. HAD NO FLUID ENTRY ON LAST 4 HOURLY RUNS. GAS FLOW TSTM. SION

Daily cost       \$2,730 cum. cost    \$276,510

9/8/98

CHECK PRESSURE. SITP 450#. WELL BLEW DOWN IMMEDIATELY. RIH W/ SWAB & CHECK FLUID LEVEL. FL @ 2900'. RELEASE PKR & POOH W/ 2 3/8" TBG & TOOLS. R/U SCHLUMBERGER. RIH & SET CIBP @ 3510'. PRESSURE TEST PLUG TO 2500#. HELD OK! RIH & SPOT 1 sk CEMENT ON PLUG. RIH W/ 3 3/8" CSG GUNS & PERFORATE INTVLS 3314'-18', 3397'-3400', 3406'-10' & 3466'-70'. 4 SPF, 60 HOLES TOTAL. R/D WIRELINE. P/U XN- NIPPLE, 6' PUP JT, ARROWSET 1-X PKR, 1 JT TBG, X- NIPPLE & RIH W/ 2 3/8" TBG. SET PKR @ 3232' & LAND TBG ON HANGER @ 3245'. TEST TOOLS TO 2500#. HELD OK! WELL STARTED FLOWING. UNLOAD WELL TO TANK. RECOVERED 11.5 BBLS WATER. INSTALL 16/64 CHOKE & FLOW TEST WELL FOR 1 1/2 HRS. FTP @ 290#. (EST 396 MCFD FLOW RATE) SION

Daily cost      \$6,410   cum. cost      \$282,920

9/9/98

CHECK PRESSURE. SITP 1420#. FLOW WELL TO TANK ON 16/64 CHOKE FOR 3 1/2 HRS. FTP STABILIZED @ 290#. (EST 396 MCFD FLOW RATE) R/U HALLIBURTON & PUMP 20 BBLS SLICK FLUID W/ 75 BALL SEALERS & DISPLACED W/ 18 BBLS 3% KCL WATER. AVG 6 BPM @ 2300#. MAX PRESSURE 2750# DID NOT BALL OUT BUT HAD GOOD BALL ACTION DURING TREATMENT. ISIP 1300#, 5 MIN 992#, 10 MIN 843#, 15 MIN 750#. R/D PUMP TRUCK. OPEN WELL TO TANK ON 3/4" CHOKE. PSI TO 0# IN 10 MIN. R/U & SWAB WELL. MADE 4 RUNS & RECOVERED 14 BBLS TOTAL INCLUDING FLUID FLOWED BACK EARLIER. WELL STARTED FLOWING DRY GAS. INSTALL 16/64 CHOKE & FLOW WELL FOR 2 HRS. FTP @ 130# MADE SWAB RUN & RECOVERED 1 BBL FLUID. FLOW WELL ON 16/64 CHOKE FOR 1 HR. FTP @ 160#. MADE SWAB RUN & RECOVERED 1 BBL FLUID. RECOVERED 16 BBLS TOTAL FROM BREAKDOWN. HAVE 22 BBLS LEFT TO RECOVER. SION

Daily cost      \$5,055   cum. cost      \$287,975

9/10/98

CHECK PRESSURE. SITP 1350#. FLOW TEST WELL ON 18/64 CHOKE FOR 3 HRS. FTP STABILIZED @ 120#. RIH W/ SWAB & CHECK FLUID LEVEL. TBG DRY. RELEASE PKR & RESET @ 3290'. LAND TBG ON HANGER @ 3303'. TEST PKR TO 2500#. HELD OK! FLOW WELL TO PIT ON 3/4" CHOKE UNTIL DRY. INSTALL 16/64 CHOKE & FLOW TEST WELL FOR 4 HRS. FTP STABILIZED @ 250#. SION

Daily cost      \$2,540   cum. cost      \$290,515

9/11/98

CHECK PRESSURE. SITP 1350#. R/U SLICKLINE TRUCK. RIH & SET BLANKING PLUG IN XN- NIPPLE @ 3303'. R/D SLICKLINE UNIT. RELEASE FROM ON/OFF TOOL. PRESSURE TEST TOOLS TO 2500#. HELD OK! POOH W/ TBG & ON/OFF TOOL. R/U SCHLUMBERGER. RIH W/ 3 3/8" CSG GUNS & PERFORATE INTVLS 3232'- 36' & 3253'- 61', 4 SPF, 48 HOLES TOTAL. R/D WIRELINE UNIT. WELL STARTED FLOWING. FLOW WELL ON 3/4" CHOKE UNTIL DRY. INSTALL 18/64 CHOKE & FLOW WELL FOR 5 HRS. RECOVERED 5.5 BBLS WATER. LAST 3 HRS RECOVERING 1/2 BPH FLUID. FCP STABILIZED @ 500#. (EST 867 MCFD FLOW RATE) SION

Daily cost      \$4,600   cum. cost      \$295,115

9/12/98

CHECK PRESSURE. SICP 1300#. FLOW WELL TO TANK ON 18/64 CHOKE. PRESSURE DROPPED TO 0# IN 1 HR. RECOVERED NO FLUID. P/U XN-NIPPLE, 8' PUP JT, ARROWSET 1-X PKR, ON/OFF TOOL, 1 JT TBG, X-NIPPLE & RIH W/ 2 3/8" TBG. SET PKR BETWEEN ZONES @ 3246'. R/U & BREAK DOWN PERFS W/ RIG PUMP USING 3% KCL WATER. INTVL 3232'- 36' BROKE @ 2000#, AVG 3 BPM @ 1400#, ISIP 700# (.66 FRAC GRAD.). INTVL 3253'- 61' BROKE @ 3000#, AVG 2.5 BPM @ 1600#, ISIP 800# (.69 FRAC GRAD.). PUMPED 10 BBLS FLUID INTO EACH SET OF PERFS. RESET PKR @ 3140' & LAND TBG ON HANGER @ 3153'. TEST TOOLS TO 2500#. HELD OK! R/U & SWAB WELL. MADE 1 RUN & RECOVERED 7.5 BBLS WATER & WELL STARTED FLOWING. FLOWED WELL ON 18/64 CHOKE FOR 3 HRS & RECOVERED 5 MORE BBLS WATER. FTP @ 300# (EST 520 MCFD FLOW RATE) INSTALLED 24/64 CHOKE & FLOWED WELL 3 HRS & RECOVERED 2 MORE BBLS WATER. FTP @ 190# (EST 590 MCFD FLOW RATE) RECOVERED 14.5 BBLS FLUID. HAVE 20 BLTR. SION

Daily cost      \$4,900 cum. cost      \$300,015

9/13/98

CHECK PRESSURE. SICP 1250#. FLOW WELL TO TANK ON 24/64 CHOKE FOR 3 HRS. FTP @ 170# (EST 528 MCFD FLOW RATE) INSTALL 18/64 CHOKE & FLOW WELL FOR 3 HRS. FTP @ 325# (EST 564 MCFD FLOW RATE) INSTALL 16/64 CHOKE & FLOW WELL FOR 3 HRS. FTP @ 370# (EST 505 MCFD FLOW RATE) RECOVERED 1.5 BBLS WATER TOTAL. HAVE 18.5 BLTR. SION

Daily cost      \$2,670 cum. cost      \$302,685

9/14/98

CHECK PRESSURE. SICP 1200#. FLOW WELL TO TANK ON 20/64 CHOKE FOR 5 HRS. FTP @ 220# (EST 472 MCFD FLOW RATE) INSTALL 24/64 CHOKE & FLOW WELL FOR 3 HRS. FTP @ 150# (EST 466 MCFD FLOW RATE) RECOVERED 2.5 BBLS WATER TOTAL. HAVE 16 BLTR. SION

Daily cost      \$2,740 cum. cost      \$305,425

9/15/98

CHECK PRESSURE. SICP 1200#. R/U SLICKLINE UNIT. RIH W/ BLANKING PLUG & SET IN XN- NIPPLE @ 3153'. R/D SLICKLINE UNIT. RELEASE FROM ON/OFF TOOL. PRESSURE TEST TOOLS TO 2500#. HELD OK! POOH W/ 2 3/8" TBG & ON/OFF TOOL. R/U SCHLUMBERGER. RIH W/ 3 3/8" CSG GUNS & PERFORATE INTVLS @ 3075'- 82' & 3089'- 3100', 4 SPF, 72 HOLES TOTAL. R/D WIRELINE UNIT. P/U XN- NIPPLE, 8' PUP JT, ARROWSET 1-X PKR, ON/OFF TOOL, 1 JT TBG, X- NIPPLE & RIH W/ 97 JTS 2 3/8" TBG. SET PKR @ 3048' & LAND TBG ON HANGER @ 3064'. SWAB WELL DRY IN 2 RUNS W/ ONLY SMALL GAS SHOW. BREAK DOWN PERFS W/ RIG PUMP USING 3% KCL WATER. ZONES BROKE @ 2200#, AVG 3 BPM @ 1400#, ISIP 550# (.62 FRAC GRAD.) HAVE 18 BBLS TO RECOVER. R/U & SWAB WELL. MADE 2 CONSECUTIVE RUNS & 5 30 MIN. RUNS & RECOVERED 22.5 BBLS. HAVE RECOVERED ALL LOAD FLUID PLUS 4.5 BBLS. FLUID ENTRY 2.5 BBLS EVERY 30 MIN. FLOWED WELL BETWEEN RUNS ON 16/64 CHOKE. FTP @ 30# (EST 41 MCFD FLOW RATE) SION

Daily cost      \$9,170 cum. cost      \$314,595

**9/16/98**

CHECK PRESSURE. SICP 1000#. WELL BLED DOWN IMMEDIATELY. R/U & SWAB WELL. FL @ 2200'. MADE 2 CONSECUTIVE & 6- 30 MIN. RUNS & RECOVERED 20 BBLS WATER. HAD 5 BPH FLUID ENTRY. FLOWED WELL ON 16/64 CHOKE BETWEEN RUNS. FTP @ 30# (EST 41 MCFD FLOW RATE). R/D SWAB. RELEASE PKR & POOH W/ 2 3/8" TBG & TOOLS. SION

Daily cost        \$2,660 cum. cost    \$317,255

**9/17/98**

CHECK PRESSURE. SICP 200#. P/U ARROW RBP & RIH W/ 101 JTS 2 3/8" TBG. SET PLUG @ 3135'. SPOT 1 sk SAND ON PLUG. POOH W/ TBG & RET. HEAD. P/U CEMENT RETAINER & RIH W/ 95 JTS TBG. SET RETAINER @ 2979'. TEST TO 2500#. HELD OK! R/U BJ SERVICES. ESTABLISH INJECTION RATE. AVG 1 BPM @ 1800#. MIX & PUMP 50 sx CLASS "G" NEAT CEMENT SLURRY & SQUEEZE PERFS @ 3075'- 3100'. PRESSURED TO 2800#. HELD TIGHT! PULLED OUT OF RETAINER & REVERSED OUT 3 BBLS OF SLURRY & CIRCULATED TBG CLEAN. R/D BJ SERVICES. POOH W/ TBG & TOOLS. P/U 3 7/8" BIT, CSG SCRAPER, 4- 3 1/8" DC'S & RIH W/ 70 JTS 2 3/8" TBG. SHUT IN. WAIT ON CEMENT.

Daily cost        \$9,050 cum. cost    \$326,305

**9/18/98**

WAIT ON CEMENT.

Daily cost        \$450 cum. cost    \$326,755

**9/19/98**

P/U 20 JTS TBG & TAG CEMENT @ 2974'. DRILL OUT RETAINER & CEMENT TO 3046'. DRILL RATE SLOWED. POOH W/ 2 3/8" TBG & TOOLS. BIT DULL & VERY LOOSE. P/U 3 7/8" DRAG BIT, CSG SCRAPER, 4- 3 1/8" DC'S & RIH W/ 3015'. R/U DRILLING EQUIPMENT. SDFN

Daily cost        \$4,330 cum. cost    \$331,085

**9/22/98**

DRILL OUT CEMENT FROM 3046'- 3103'. TEST SQUEEZED PERFS TO 2800#. HELD OK! CIRC SAND OFF RBP @ 3135'. POOH W/ 7 JTS TBG. (EOT @ 2917') SION. MAKE REPAIRS TO RIG ENGINE.

Daily cost        \$2,230 cum. cost    \$333,315

**9/23/98**

POOH W/ 2 3/8" TBG, DC'S, SCRAPER & BIT. P/U RET HEAD & RIH W/ 2 3/8" TBG. RELEASE RBP & RESET @ 2800'. TEST TO 2500#. HELD OK! POOH W/ TBG & RET HEAD. R/U SCHLUMBERGER. RIH W/ 3 3/8" CSG GUNS & PERFORATE INTVLS 2718'- 21' & 2724'- 40'. 4 SPF. 76 HOLES TOTAL. R/D WIRELINE. WELL HAD VERY



GUNS & PERFORATE INTVLS 2718'- 21' & 2724'- 40', 4 SPF, 76 HOLES TOTAL. R/D WIRELINE. WELL HAD VERY SLIGHT BLOW. P/U XN- NIPPLE, 6' PUP JT, ARROWSET 1-X PKR, ON/OFF TOOL, 1 JT TBG, X- NIPPLE & RIH W/ 84 JTS TBG. SET PKR @ 2645' & LAND TBG ON HANGER @ 2658'. TEST PKR TO 2500#. HELD OK! BREAK DOWN PERFS W/ RIG PUMP USING 3% KCL WATER. ZONES BROKE @ 2500#, AVG 2.5 BPM @ 1600#, ISIP 600#. (.66 FRAC GRAD.) PUMPED 5 BBLS INTO PERFS. HAVE 16 BBLS LOAD WATER TO RECOVER. R/U & SWAB WELL. MADE 2 RUNS & WELL STARTED FLOWING. RECOVERED 10 BBLS WATER. INSTALL 18/64 CHOKE & FLOW TEST WELL FOR 2 HRS. FTP STABILIZED @ 500#. (EST 819 MCFD FLOW RATE) SION

Daily cost      \$6,620 cum. cost      \$339,935

**9/24/98**

CHECK PRESSURE. 820# SITP. INSTALL 16/64 CHOKE & FLOW FOR 3 HRS. FTP STABILIZED @ 640# (EST 874 MCFD FLOW RATE). INSTALL 18/64 CHOKE & FLOW FOR 3 HRS. FTP STABILIZED @ 520# (EST 902 MCFD FLOW RATE). INSTALL 24/64 CHOKE & FLOW FOR 2 HRS. FTP STABILIZED @ 360# (EST 1119 MCFD FLOW RATE). INSTALL 20/64 CHOKE & FLOW FOR 2 HRS. FTP STABILIZED @ 480# (EST 1030 MCFD FLOW RATE). WELL HAD PERIODIC MISTING DURING FLOW TEST BUT RECOVERED LESS THAN 1/4 BBL FLUID. SION

Daily cost      \$2,870 cum. cost      \$342,805

**9/25/98**

CHECK PRESSURE. 920# SITP. R/U SLICKLINE TRUCK. RIH W/ TANDEM BHP BOMBS W/ 72 HR CLOCKS & HANG AT MIDDLE OF PERFS. WELL SHUT IN FOR BUILD UP.

Daily cost      \$770 cum. cost      \$343,575

**9/28/98**

DAY 26: CHECK PRESSURE. 19 1/2 HR SITP 920# W/ BOMBS (38 TOTAL HRS SHUT IN)(SIBHP 968#)

DAY 27: CHECK PRESSURE. 59 1/2 HR SITP 920#. (SIBHP 968#) FLOW WELL TO TANK ON 16/64 CHOKE FOR 10 HRS WHILE MONITORING W/ PRESSURE BOMBS. FTP STABILIZED @ 620# (EST 846 MCFD FLOW RATE) RECOVERED NO FLUID & HAD FREEZING PROBLEMS AT SUFACE.( FBHP 660#) SHUT IN WELL.

DAY 28: 17 1/2 HR SITP 900#. (SIBHP 960#) PULL OUT OF HOLE W/ TANDEM PRESSURE BOMBS. R/D SLICKLINE TRUCK. SION

Daily cost      \$4,735 cum. cost      \$348,310

**9/29/98**

CHECK PRESSURE. SITP 900#. INSTALL 18/64 CHOKE & FLOW WELL FOR 4 HRS. FTP @ 620# (EST 1075 MCFD FLOW RATE) INSTALL 20/64 CHOKE & FLOW WELL FOR 4 HRS. FTP @ 480# (EST 1030 MCFD FLOW RATE) RECOVERED NO FLUID TODAY. SION

Daily cost      \$2,615 cum. cost      \$350,925

**9/30/98**

CHECK PRESSURE. SITP 900#. R/U SLICKLINE TRUCK. RIH & SET BLANKING PLUG IN XN- NIPPLE @ 2658'. R/D SLICKLINE TRUCK. R/U CUDD SNUBBING UNIT. RELEASE PKR & SNUB OUT OF HOLE W/ TBG & TOOLS. P/U RET. TOOL, XN- NIPPLE W/ BLANKING PLUG INSTALLED, 1 JT TBG, X- NIPPLE & SNUB IN HOLE W/ 90 JTS 2 3/8" TBG. TO RBP @ 2800'. RELEASE PLUG & SNUB OUT OF HOLE W/ TBG & TOOLS. P/U ON/OFF TOOL, X- NIPPLE W/ BLANKING PLUG INSTALLED, 1 JT TBG, X- NIPPLE & SNUB IN HOLE W/ 102 JTS TBG TO TOP OF PKR @ 3140'. WERE UNABLE TO LATCH ONTO PKR DUE TO FILL. POOH W/ 1 JT TBG. SION

Daily cost      \$10,260 cum. cost      \$361,185

10/1/98

CHECK PRESSURE. SICP 1160#. R/U CUDD N2 UNIT & CIRC TOP OF PKR @ 3140'. LATCH ONTO & RELEASE PKR. SNUB OUT OF HOLE W/ 2 3/8" TBG & TOOLS. P/U ON/OFF TOOL, XN- NIPPLE W/ PUMP THRU PLUG INSTALLED, 1 JT TBG, X- NIPPLE & SNUB IN HOLE W/ 106 JTS TBG TO PKR @ 3290'. R/U & DUST OFF PLUG W/ N2 MIST. LATCH ONTO & RELEASE PKR. PKR DRAGGING & BECAME STUCK @ 3216'. COULD NOT GET PKR FREE. RELEASE FROM ON/OFF TOOL. SNUB OUT OF HOLE W/ TBG & ON/OFF TOOL. SION

Daily cost      \$16,298 cum. cost      \$377,483

10/2/98

CHECK PRESSURE. SICP 1150#. P/U ON/OFF TOOL, BUMPER SUB, OIL JARS, X- NIPPLE, 1 JT TBG, X- NIPPLE & SNUB IN HOLE W/ 2 3/8" TBG TO TOP OF PKR @ 3216'. CIRC W/ N2 MIST. LATCH ONTO PKR & JAR PKR FREE. SNUB OUT OF HOLE W/ TBG, TOOLS & FISH. PACKING ELEMENTS ON PACKER TORN & SPLIT. P/U NOTCHED COLLAR, XN- NIPPLE, 1 JT TBG, X- NIPPLE & SNUB IN HOLE W/ 110 JTS TBG. LAND TBG ON HANGER @ 3451'. R/D CUDD SNUBBING UNIT. N/D BOP'S & N/U WELLHEAD. R/U SLICKLINE UNIT. RIH & PULL BLANKING PLUG @ 3448'. RIG DOWN & RELEASE RIG. PUT WELL ON PRODUCTION @ 5:30 PM 10/01/98

Daily cost      \$18,660 cum. cost      \$396,143

10/5/98

10/2/98: WELL PRODUCING ON 16/64 CHOKE. FTP 700# SICP 830# FLOWED 444 MCF GAS & RECOVERED 1.67 BW & 0 BO IN 15 HRS.

10/3/98: WELL PRODUCING ON 16/64 CHOKE. FTP 700# SICP 880# FLOWED 959 MCF GAS & RECOVERED 8.35 BW & 0 BO IN 22 HRS.

10/4/98: WELL PRODUCING ON 16/64 CHOKE. FTP 700# SICP 760# FLOWED 1010 MCF GAS & RECOVERED 5.01 BW & 0 BO IN 24 HRS.

Daily cost      \$0 cum. cost      \$396,143

10/6/98

10/5/98: WELL PRODUCING ON 16/64 CHOKE. FTP 700# SICP 760# FLOWED 1013 MCF GAS & RECOVERED 8.35 BW & 0 BO IN 24 HRS. (DAY 4)

Daily cost      \$0 cum. cost      \$396,143

**10/7/98**

10/5/98: WELL PRODUCING ON 16/64 CHOKE. FTP 700# SICP 760# FLOWED 1021 MCF GAS & RECOVERED 3.25 BW & 1 BO IN 24 HRS. (DAY 5)

Daily cost                      \$0 cum. cost      \$396,143

**10/8/98**

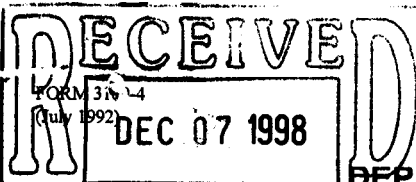
10/07/98 FTP 700# SICP 760 PSI on 16/64" CHOKE, PRODUCED 1028 MCF, 0 CONDENSATE, 5.01 BLW. (DAY 6)

Daily cost                      \$0 cum. cost      \$396,143

**10/9/98**

10/08/98 FTP 700# SICP 760 PSI on 16/64" CHOKE, PRODUCED 1028 MCF, 1 CONDENSATE, 5.01 BLW. (DAY 7)

Daily cost                      \$0 cum. cost      \$396,143



DIV. OF OIL, GAS &amp; MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE\*  
(See other in-  
structions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 19955. LEASE DESIGNATION AND SERIAL NO.  
**UTU-66426**7. UNIT AGREEMENT NAME  
**HANGING ROCK**8. FARM OR LEASE NAME, WELL NO.  
**HANGING ROCK F #7-10**9. API WELL NO.  
**43-047-33100**10. FIELD AND POOL OR WILDCAT  
**WILDCAT**11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA  
**SEC. 7, T12S, R24E**Block & Survey: **S.L.B. & M**12. COUNTY OR PARISH  
**UINTAH**13. STATE  
**UTAH**19. ELEV. CASINGHEAD  
**6128' KB**

## 1a. TYPE OF WORK

OIL WELL ☐ GAS WELL ☒ DRY ☐ Other \_\_\_\_\_

## 1b. TYPE OF WELL

NEW WELL ☒ WORK OVER ☐ REEF-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

## 2. NAME OF OPERATOR

**ROSEWOOD RESOURCES, INC.**

## 3. ADDRESS AND TELEPHONE NO.

**P.O. BOX 1668, VERNAL, UT 84078 435-789-0414**

## 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface

**2028' FSL 2289' FEL NW/SE**

At top prod. Interval reported below

At total depth

## 14. PERMIT NO.

DATE ISSUED

**5/14/98**15. DATE SPUDDED  
**6/18/98**16. DATE T.D. REACHED  
**6/24/98**17. DATE COMPL. (Ready to prod.)  
**9/30/98**18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
**6114' GR**20. TOTAL DEPTH, MD & TVD  
**4600' MD TVD**21. PLUG, BACK T.D., MD & TVD  
**CIBP @ 3570'**22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY  
**----->**ROTARY TOOLS  
**530' - 4600'**CABLE TOOLS  
**NA**

## 24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

**WASATCH 2718' - 3586'**25. WAS DIRECTIONAL  
SURVEY MADE  
**NO**

## 26. TYPE ELECTRIC AND OTHER LOGS RUN

**AI/LC/GR, CNLD/GR, ML/GR, MUD LOG, CBL 7-6-98**27. WAS WELL CORED  
**NO**

## 23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9-5/8" J-55	36#	520' GL	12 1/4"	SURF-300 sx Class "G"	NONE
4-1/2" M-65	11.6#	4500'	7 7/8"	295 SKS HALCO-LITE TAIL W/450 SKS PRE G (AG)	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3451'	

## 31. PERFORATION RECORD (Interval, size and number)

**INTERVAL**  
**4161' - 71' .37 40 HOLES**  
**3878' - 88', 4011' - 24' .37 92 HOLES**  
**3873' - 83', 3919' - 24' .37 60 HOLES**  
**3742' - 49 0.37 28 HOLES**

**SEE PAGE 2 FOR  
ADDITIONAL ZONES**

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3075' - 3100'	SQUEEZED W/50 SX "G"

## PRODUCTION

DATE FIRST PRODUCTION <b>10/1/98</b>	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) <b>FLOWING</b>	WELL STATUS (Producing or shut-in) <b>PROD</b>
DATE OF TEST <b>10-4-98</b>	HOURS TESTED <b>24</b>	CHOKE SIZE <b>16/64</b>
FLOW. TUBING PRESS. <b>700#</b>	CASING PRESSURE <b>760#</b>	PROD'N. FOR TEST PERIOD <b>5.1</b>
	CALCULATED 24-HOUR RATE <b>5.1</b>	OIL-BBLS. <b>1010</b>
		GAS-MCF. <b>1010</b>
		WATER-BBL. <b>0</b>
		GAS-OIL RATIO
		OIL GRAVITY-API (CORR.)

## 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

**SALES/FUEL**

## TEST WITNESSED BY

**Ivan Sadlier**

## 35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

**ADMINISTRATIVE ASSISTANT**

DATE

**12/3/98**

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof, cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);	38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME
				MEAS. DEPTH
				TRUE VERT. DEPTH
			ADDITIONAL PERFORATIONS: 3581' - 86' .37 20 HOLES 3314' - 18', 3397' - 3400', 3406' - 10' 3466' - 70-' .37 60 HOLES 3232' - 36', 3253' - 61' .37 48 HOLES 3075' - 82', 3089' - 3100' ,37 72 HOLES 2718' - 21', 2724' - 40-' ,37 76 HOLES	WASATCH MESA VERDE 2570' 4092'

COPIES: BLM - VERNAL/ORIG. & 2 COPIES; DIV. OG&M - DALLAS 1 COPY;

SUBMIT IN **DUPLICATE\***  
(See other instructions on reverse side)FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL <b>WELL</b>		1b. TYPE OF WELL <b>DIV. OF OIL, GAS &amp; MINING</b>		2. NAME OF OPERATOR <b>ROSEWOOD RESOURCES, INC.</b>		3. ADDRESS AND TELEPHONE NO. <b>P.O. BOX 1668, VERNAL, UT 84078 435-789-0414</b>		4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements. *) <b>At Surface</b> <b>2028' FSL 2289' FEL NW/SE</b> <b>At top prod. Interval reported below</b>		5. LEASE DESIGNATION AND SERIAL NO. <b>UTU-66426</b>		7. UNIT AGREEMENT NAME <b>HANGING ROCK</b>		8. FARM OR LEASE NAME, WELL NO. <b>HANGING ROCK F #7-10</b>		9. API WELL NO. <b>43-047-33100</b>		10. FIELD AND POOL OR WILDCAT <b>WILDCAT</b>		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA <b>SEC. 7, T12S, R24E</b> <b>Block &amp; Survey: S.L.B. &amp; M</b>	
12. COUNTY OR PARISH <b>UINTAH</b>		13. STATE <b>UTAH</b>		14. PERMIT NO.		DATE ISSUED <b>5/14/98</b>		15. DATE SPUDDED <b>6/18/98</b>		16. DATE T.D. REACHED <b>6/24/98</b>		17. DATE COMPL. (Ready to prod.) <b>9/30/98</b>		18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* <b>6114' GR</b>		19. ELEV. CASINGHEAD <b>6128' KB</b>					
20. TOTAL DEPTH, MD & TVD <b>4600' MD TVD</b>		21. PLUG, BACK T.D., MD & TVD <b>CIBP @ 3510'</b>		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY <b>530' - 4600'</b>		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <b>WASATCH 2718' - 3410'</b>		25. WAS DIRECTIONAL SURVEY MADE <b>NO</b>		26. TYPE ELECTRIC AND OTHER LOGS RUN <b>AI/LC/GR, CNLD/GR, ML/GR, MUD LOG, CBL</b>		27. WAS WELL CORED <b>NO</b>							
23. CASING RECORD (Report all strings set in well)																					
CASING SIZE/GRADE <b>9-5/8" J-55</b>		WEIGHT, LB./FT. <b>36#</b>		DEPTH SET (MD) <b>520' GL</b>		HOLE SIZE <b>12 1/4"</b>		TOP OF CEMENT, CEMENTING RECORD <b>SURF-300 sx Class "G"</b>		AMOUNT PULLED <b>NONE</b>											
4-1/2" M-65		11.6#		4500'		7 7/8"		295 SKS HALCO-LITE TAIL W/450 SKS PRE G (AG)													
29. LINER RECORD																					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)							
										2 3/8"		3451'									
30. TUBING RECORD																					
31. PERFORATION RECORD (Interval, size and number)																					
INTERVAL <b>OK</b> <b>4161' - 71' .37 40 HOLES</b> <b>3878' - 88', 4011' - 24' .37 92 HOLES</b> <b>3873' - 83', 3919' - 24' .37 60 HOLES</b> <b>3742' - 49 0.37 28 HOLES</b> <b>SEE PAGE 2 FOR ADDITIONAL ZONES</b>																					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED																			
3075' - 3100'		SQUEEZED W/50 SX "G"																			
33. PRODUCTION																					
DATE FIRST PRODUCTION <b>10/1/98</b>		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) <b>FLOWING</b>								WELL STATUS (Producing or shut-in) <b>PROD</b>											
DATE OF TEST <b>10-4-98</b>		HOURS TESTED <b>24</b>		CHOKE SIZE <b>16/64</b>		PROD'N. FOR TEST PERIOD <b>5.1</b>		OIL—BBL. <b>1010</b>		GAS—MCF. <b>0</b>		WATER—BBL. <b>0</b>		GAS-OIL RATIO							
FLOW. TUBING PRESS. <b>700#</b>		CASING PRESSURE <b>760#</b>		CALCULATED 24-HOUR RATE <b>5.1</b>		OIL—BBL. <b>1010</b>		GAS—MCF. <b>0</b>		WATER—BBL. <b>0</b>		OIL GRAVITY-API (CORR.)									
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) <b>SALES/FUEL</b>												TEST WITNESSED BY <b>Ivan Sadlier</b>									
35. LIST OF ATTACHMENTS																					

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*[Signature]*

TITLE

ADMINISTRATIVE ASSISTANT

DATE

1/6/00

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			ADDITIONAL PERFORATIONS: 3581' - 86' .37 20 HOLES 3314' - 18', 3397' - 3400', 3406' - 10' 3466' - 70-' .37 60 HOLES 3232' - 36', 3253' - 61' .37 48 HOLES 3075' - 82', 3089' - 3100' .37 72 HOLES 2718' - 21', 2724' - 40-' .37 76 HOLES <i>cy</i>	WASATCH MESA VERDE	2570' 4092'	
COPIES: BLM - VERNAL/ORIG. & 2 COPIES; DIV. OG&M - DALLAS 1 COPY;						

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: See Attached
2. NAME OF OPERATOR: MCELVAIN OIL & GAS PROPERTIES, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1050 17th Street CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 893-0933		8. WELL NAME and NUMBER:
4. LOCATION OF WELL FOOTAGES AT SURFACE:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY:		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 5/1/2002	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

McElvain Oil & Gas Properties, Inc. will take over as operator of the attached wells from Rosewood - effective 5/1/2002.

Bond # RLB0004154

Operator # N2100

RECEIVED

APR 29 2002

DIVISION OF  
OIL, GAS AND MINING

Name Gary Tarabba

Title vice President Rosewood Resources, Inc

Signature Gary Tarabba

Date 4/23/02

NAME (PLEASE PRINT) John D. Steuble	TITLE Engineering Manager Mcelvain O & G Properties
SIGNATURE John D. Steuble	DATE 4/12/02

(This space for State use only)



API #	FED #	POOL #	COUNTY	LEGAL	WELL NAME
43-047-32871	UTU-57455	OIL SPRINGS	UNITAH	1 12S 23E SESW	HANGING ROCK FED I # 1-14 WS
43-047-32855	UTU-57455	OIL SPRINGS	UNITAH	1 12S 23E NWNW	HANGING ROCK I # 1-4 WS
43-047-32679	UTU-57455	OIL SPRINGS	UNITAH	1 12S 23E SESE	HANGING ROCK FED I # 1-16
43-047-33098	UTU-57455	OIL SPRINGS	UNITAH	10 12S 23E NESW	HANGING ROCK I # 10-13 WS
43-047-32935	UTU-57455	OIL SPRINGS	UNITAH	11 12S 23E SENE	HANGING ROCK I # 11-8 (WSMVD)
43-047-32936	UTU-57455	OIL SPRINGS	UNITAH	12 12S 23E NWNE	HANGING ROCK I # 12-2
43-047-33096	UTU-57455	OIL SPRINGS	UNITAH	12 12S 23E NWSW	HANGING ROCK I # 12-12 WS
43-047-33101	UTU-57455	OIL SPRINGS	UNITAH	12 12S 23E NESE	HANGING ROCK I # 12-9 WS
43-047-32748	UTU-57455	OIL SPRINGS	UNITAH	12 12S 23E NWNW	HANGING ROCK I # 12-4
43-047-33099	UTU-57455	OIL SPRINGS	UNITAH	15 12S 23 E SWNE	HANGING ROCK I # 15-7
43-047-33100	UTU-66426	OIL SPRINGS	UNITAH	7 12S 24E NWSE	HANGING ROCK F # 7-10
43-047-32937	UTU-66426	OIL SPRINGS	UNITAH	7 12S 24E SENE	HANGING ROCK F # 7-8
43-047-32751	UTU-66426	OIL SPRINGS	UNITAH	7 12S 24E SENW	HANGING ROCK F # 7-6
43-047-32872	UTU-70239	OIL SPRINGS	UNITAH	8 12S 24E NWNW	TUCKER FEDERAL F # 8-4
43-047-32993	UTU-70239	OIL SPRINGS	UNITAH	8 12S 24E NWNE	TUCKER FEDERAL F # 8-2
43-047-33132	UTU-73019	BUCK CANYON	UNITAH	5 12S 22E SENW	ROSEWOOD # 5-6
43-047-32604	UTU-66761	ASPHALT WASH	UNITAH	23 11S 24E SESE	THIMBLE ROCK FED # 23-15
43-047-32757	UTU-08424-A	OIL SPRINGS	UNITAH	6 12S 24E SWSE	TOBY FEDERAL F # 6-15
43-047-32840	UTU-65355	BUCK CANYON	UNITAH	19 11S 22E NESE	ROSEWOOD FED # 28-8
43-047-32603	UTU-66408	ROCK HOUSE	UNITAH	24 11S 23E SWSW	HANGING ROCK # 24-13
43-047-32750	UTU-75206	OIL SPRINGS	UNITAH	17 12S 24E NWNW	CENTER FORK FED # 17-4
43-047-33186	UTU-66409	ROCK HOUSE	UNITAH	22 11S 23E SESE	ROSEWOOD FED H # 22-16



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

June 18, 2002

McElvain Oil & Gas Properties, Inc.  
Attn: Mona Binion  
1050 17<sup>th</sup> Street, Suite 1800  
Denver, Colorado 80265

Re: Hanging Rock Unit  
Uintah County, Utah

Gentlemen:

We received an indenture dated May 1, 2002, whereby Rosewood Resources, Inc. resigned as Unit Operator and McElvain Oil & Gas Properties, Inc. was designated as Successor Unit Operator for the Hanging Rock Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 18, 2002. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Hanging Rock Unit Agreement.

Your statewide (Utah) oil and gas bond No. 1268 will be used to cover all operations within the Hanging Rock Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
Division of Oil, Gas & Mining  
Minerals Adjudication Group U-942  
File - Hanging Rock Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron

UT922:TAThompson:tt:6/18/02

## Results of query for MMS Account Number UTU73518B

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/Quart
Production	4304732679	ROSEWOOD RESOURCES INC	HANGING ROCK I 1-16	PGW	UTU57455	UTU73518B	12S	23E	1	SESE
Production	4304732748	ROSEWOOD RESOURCES INC	HANGING ROCK 12-4	PGW	UTU57455	UTU73518B	12S	23E	12	NWNW
Production	4304732751	ROSEWOOD RESOURCES INC	HANGING ROCK 7-6	PGW	UTU66426	UTU73518B	12S	24E	7	SENW
Production	4304732871	ROSEWOOD RESOURCES INC	I 1-14	PGW	UTU57455	UTU73518B	12S	23E	1	SESW
Production	4304732935	ROSEWOOD RESOURCES INC	I 11-8	PGW	UTU57455	UTU73518B	12S	23E	11	SENE
Production	4304732936	ROSEWOOD RESOURCES INC	I 12-2	PGW	UTU57455	UTU73518B	12S	23E	12	NWNE
Production	4304732937	ROSEWOOD RESOURCES INC	F 7-8	PGW	UTU66426	UTU73518B	12S	24E	7	SENE
Production	4304733100	ROSEWOOD RESOURCES INC	F 7-10	PGW	UTU66426	UTU73518B	12S	24E	7	NWSE

# Results of query for MMS Account Number UTU73518A

Production	API Number	Operator	Well Name	Well Status	Lease or CA Number	Inspection Item	Township	Range	Section	Quarter/Quart
Production	4304732603	ROSEWOOD RESOURCES INC	HANGING ROCK 24-13	PGW	UTU66408	UTU73518A	11S	23E	24	SWSW

*DISCLAIMER for online data: No warranty is made by the BLM for use of the data for purposes not intended by the BLM.*

## OPERATOR CHANGE WORKSHEET

## ROUTING

1. GLH

2. CDW ✓

3. FILE

**X Change of Operator (Well Sold)**

Designation of Agent

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **05-01-2002**

<b>FROM: (Old Operator):</b>	<b>TO: (New Operator):</b>
ROSEWOOD RESOURCES INC	MCELVAIN OIL & GAS PROPERTIES INC
Address: P O BOX 1668	Address: 1050 17TH STREET, STE 1800
VERNAL, UT 84078	DENVER, CO 80265-1801
Phone: 1-(435)-789-0414	Phone: 1-(303)-893-0933
Account No. N7510	Account No. N2100

CA No.

Unit:

HANGING ROCK

## WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
HANGING ROCK FEDERAL 24-13	24-11S-23E	43-047-32603	11723	FEDERAL	GW	P
HANGING ROCK FEDERAL I 1-14	01-12S-23E	43-047-32871	11889	FEDERAL	GW	P
HANGING ROCK FEDERAL I 1-16	01-12S-23E	43-047-32679	11889	FEDERAL	GW	P
HANGING ROCK FEDERAL I 11-8	11-12S-23E	43-047-32935	12306	FEDERAL	GW	P
HANGING ROCK I 12-2	12-12S-23E	43-047-32936	11889	FEDERAL	GW	P
HANGING ROCK FEDERAL I 12-4	12-12S-23E	43-047-32748	11889	FEDERAL	GW	P
HANGING ROCK FEDERAL F 7-6	07-12S-24E	43-047-32751	11889	FEDERAL	GW	P
HANGING ROCK FEDERAL F 7-8	07-12S-24E	43-047-32937	12305	FEDERAL	GW	P
HANGING ROCK F 7-10	07-12S-24E	43-047-33100	12400	FEDERAL	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 04/29/2002
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 04/29/2002
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 07/03/2002
- Is the new operator registered in the State of Utah: YES Business Number: 5078926-0143
- If **NO**, the operator was contacted on: N/A
- (R649-9-2) Waste Management Plan received on: IN PLACE
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change,

or operator change for all wells listed on Federal or Indian leases on: 06/18/2002

---

**7. Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 06/18/2002

---

**8. Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

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**9. Underground Injection Control ("UIC")**

The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

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**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 07/03/2002

2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 07/03/2002

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

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**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: N/A

---

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: UT 1268

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**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: N/A

---

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A

The Division sent response by letter on: N/A

---

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

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**COMMENTS:**

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-66426
2. Name of Operator <b>McElvain Oil &amp; Gas Properties, Inc.</b>		6. If Indian, Allottee or Tribe Name
3a. Address <b>1050 - 17th Street, Ste. 1800 Denver, Colorado 80265</b>	3b. Phone No. (include area code) <b>303.893.0933</b>	7. If Unit or CA/Agreement, Name and/or No. Hanging Rock WS MV
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  <b>2028' FSL, 2289' FEL, NWSE Section 7, T12S-R24E</b>		8. Well Name and No. Hanging Rock Federal #7-10
		9. API Well No. 43-047-33100
		10. Field and Pool, or Exploratory Area Oil Springs
		11. County or Parish, State Uintah, Utah

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="radio"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="radio"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="radio"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

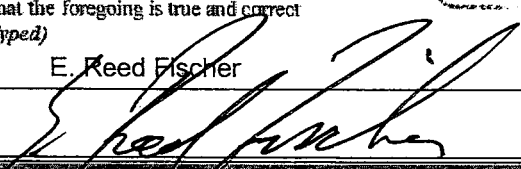
McElvain Oil & Gas proposes to acidize the upper perforations from 2718-21' and 2724-40' with 7.5% HCl acid in an attempt to clean up suspected perforation scale. After acidizing, the well will be swab tested and, depending on the results, the CIBP at 2895 will be sand line drilled in order to re-establish commingled production with the middle Wasatch perforations from 3232-36', 3253-61', 3314-18', 3397-3400', 3406-10', and 3466-70'.

It is anticipated that the work would commence in early to mid August 2004.

Please see the attached workover procedure for details.

COPY SENT TO OPERATOR  
Date: 7-30-04  
Initials: CHD

RECEIVED  
JUL 27 2004

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) E. Reed Fischer		Title Operations Engineer	DIV. OF OIL, GAS & MINING
Signature 		Date July 23, 2004	

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Accepted by the Utah Division of Oil, Gas and Mining Office	Date 7/28/04	Federal Approval Of This Action Is Necessary
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

**McELVAIN OIL & GAS PROPERTIES, INC.**  
**Hanging Rock #7-10**  
**Acid Upper Perfs & Commingle w/Perfs Under CIBP**  
**July 22, 2004**

LOCATION: NW/SE 7-T12S-R24E  
Uintah County, UT

API#: 43-047-33100

TD: 4600'

PBTD: 2895'

KB: 14'

**Purpose of Work:** Acidize Perfs 2718'-2721' and 2724'-2740'. Remove CIBP @ 2895' and Commingle with Perforations 3232-36, 3253-61', 3314-18', 3397-3400', 3406-10' and 3466-70.

**CASING:**

9 5/8" 36# J-55 @ 534' in 12 1/4" hole  
Halliburton Cemented with 300 sacks Premium Cement to surface.

4 1/2" 11.6# N-80 @ 4588' in 7 7/8" hole  
Lead: 295 sxs Halliburton lite. Tail: 450 sxs Premium Class G  
Circulated to surface.

**TUBING:**

2-11-04: NC, 2' tubing sub, 'XN', 1 joint tubing, 'X', 91 joints tubing. EOT = 2861'

**FORMATION TOPS:**

Uteland Butte: 2461'  
Wasatch: 2562'  
Mesaverde: 4002'

**COMPLETION HISTORY & PERFORATIONS:**

8-26-98: Perf 4161'-71' 4 spf 40 holes

8-27-98 **CIBP @ 4130'** capped w/ 2sx cement

8-27-98 Perf 3978-88' & 4011-24' 4 spf. BD w/3% KCl, swabbed wet.

8-29-98 **CIBP @ 3970'** capped w/ 1sk cement

8-29-98 Perf 3873-83' & 3919-24' 4spf. Individual BD w/3% KCl, swabbed wet.

9-1-98: **CIBP @ 3848'** capped w/ 1 sk cement

9-1-98 Perf 3742-49' 4spf. BD w/3% KCl. Swabbed wet.

9-3-98: **CIBP @ 3710'** capped w/ 1 sk cement

9-3-98: Perf 3581'-86' 4spf. BD w/3% KCl. Swab tight and wet.

9-8-98: **CIBP @ 3510'** capped w/ 1sk cement

9-8-98: Perf 3314'-18', 3397'-3400', 3406'-10' & 3466'-70' 4spf. Flowed 396 MCFGD natural. 1420 SITP overnight. BD w/3% KCl using ball sealers.

9-11-98: Perf 3232'-36' & 3253'-61' 4spf. Flowed 867 MCFGD natural. 1300



SICPovernight. Individual BD w/3% KCl. Flowed 590 MCFGD following BD w/load still left to recover.

9-15-98: Perf 3075'-82' & 3089'-3100' 4 spf. tested 5 bwph & tight after 3% KCl BD.

9-17-98: Squeeze 3075'-3100' w/retainer 50 sx Class G

9-22-98: Test squeeze to 2800#.

9-23-98: Perf 2718'-21' & 2724'-40' 4 spf. Flowed 1075 MCF following 3% KCL BD.

9-28-98: BHP Survey indicated 968 psi BHP.

7-1-02: 600/400. Set RBP @ 2850. Swab well & upper perms dry

8/14/02: Halliburton perforation wash 2718-21' and 2724-40'.

2-7-03: 305/305 SITP/SICP. 6 month SI. Pull RBP.

2-8-03: SICP=450 psi. Set CIBP @ 2895'. Re-Perf. 2718'-21' & 2724'-40' 3 spf. BD w/8 bbls 3% KCL, pressure up to 1450 prior to break. Treat w/850# @ 3 BPM.

2/11/03: Load Recovered. 2 day SI = 160/120. Land EOT @ 2861'. RDMO.

#### **PROCEDURE:**

1. Record casing pressure & shoot fluid level. Blow well down.
2. MIRU pulling unit.
3. ND tree & NU BOPE (have stripping head available).
4. PU tubing to tag PBTD. Tally out of hole. (Obtain scale samples, if any.)
5. TIW with full bore lok-set packer, X nipple, and tubing.
6. Set packer at  $\pm 2,800$  and pressure test CIBP and tubing to  $\pm 2000$  psi.
7. Swab tubing down. Release packer, PU & reset packer @  $\pm 2675'$ .
8. Break perforations down with 650 gallons of 7-1/2% HCL acid as follows: Load tubing & establish pump-in before increasing rate to maximum achievable ( $\pm 5$  BPM) prior to shut-down. Displace to bottom perf w/3% KCL. **Acid Design to Follow.**
9. Swab back acid as soon as possible. Bleed casing pressure to zero at end of day, release packer, and shut well in for night.
10. Depending on fluid entry and overnight shut-in pressures, continue swabbing or POOH and lay down packer.
11. RU sandline drill and drill out CIBP @ 2895. RD sandline drill.
12. MU and TIH w/NC, 1 joint tubing, 'X' nipple, and tubing. Chase CIBP debris to bottom.
13. PU off bottom and swab spent acid water from rathole.
14. PU and hang-off tubing for production. (Landing depth estimated @  $\pm 3460$  or  $\pm 3315$ , depending on swab results).
15. ND BOPE & NUWH
16. Swab and Flow test well. Evaluate for compression, plunger lift or pumping unit.
17. RDMO pulling unit.

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#### **NOTE:**

***DO NOT USE LIQUID KCl SUBSTITUTE in COMPLETION FLUIDS***

**CURRENT WELLBORE  
SCHEMATIC  
HANGING ROCK FEDERAL #7-10**

12-1/4" hole

9-5/8"  
36#  
J-55

Spud: 6/18/1998

RKB = GL+ 14'  
GL = 6114'

534' RKB

Surface: 9-5/8", 36#, J-55, ST&C, 13 Jts., CMTD. @ 534' RKB

Production: 4-1/2", 11.6#, N-80, LT&C, 107 Jts, CMTD @ 4588'

Perforations: 2718'-2721', 2724'-2740'

3075'-3082' (squeezed) , 3089'- 3100' (squeezed)

3232'-3236', 3253'- 3261'

3314'-3318', 3397'- 3400'

3406'-3410', 3466'- 3470'

3581'- 3586'

3742'- 3749'

3873'- 3883'

3919'-3924', 3978'- 3988'

4011'-4024'

4161'- 4171'

Tubing/BHA: Top to Bottom. 2-3/8", 4.7#, J-55, EUE, 8 RD.: Tubing  
Hanger, 91 Jts., X-Nipple, 1 Jt., XN-Nipple, 2' Sub, Notched Collar

2718'-2721'  
2724'-2740'

CIBP@ 2895' X-Nippe @ ????, XN-Nipple @ ????, EOT @ 2861'

3075'-3100'

3232'-3261'

3314'-3400'

3406'-3470'

CIBP@3510'

3581'-3586'

3742'-3749'

CIBP@3710'

3873'-3883'

CIBP@3848'

3919'-3924'

CIBP@3970

3978'-3988'

4011'-4024'

CIPB@4130'

4161'-4171'

Float@????'

PBTD 4486'  
Bond Log

Shoe@4588'

PBTD 4540'

TD 4600'

Tubing

Note: ??? = Not Found in Well File

**McElvain Oil & Gas  
Properties, Inc.  
Hanging Rock Area**

**HRF #7-10**  
2028' FSL 2289' FEL  
NW/ SE  
Sec. 7, T 12 S, R 24 E  
Uintah Co., UT

Scott Seeby, Taylor Companies, 6/10/2004

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**McElvain Oil & Gas Properties, Inc.**

3a. Address

**1050 - 17th Street, Ste. 1800 Denver, Colorado 80265**

3b. Phone No. (include area code)

**303.893.0933**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**2028' FSL, 2289' FEL, NWSE Section 7, T12S-R24E**

5. Lease Serial No.

**U-66426**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**Hanging Rock WS MV**

8. Well Name and No.

**Hanging Rock Federal #7-10**

9. API Well No.

**43-047-33100**

10. Field and Pool, or Exploratory Area

**Oil Springs**

11. County or Parish, State

**Uintah, Utah**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="radio"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="radio"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="radio"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

McElvain Oil & Gas moved a rig onto the well on October 10, 2004, pulled the production tubing and ran a tubing set treating packer. The upper-most perforations from 2718-21' and 2724-40' were acidized with 500 gals of 15% HCL by BJ Services on October 11th. Following the treatment, the spent treating load was swabbed back to a tank and hauled to disposal. The acid was fully spent. The treating packer was pulled, the production tubing was re-run and subsequently landed between the perforations at 2725' (end of tubing). The well was placed on plunger and swabbed into production. The rig was released on October 14, 2004. Production has now been restored, and the well is now selling gas via plunger lift from the previously existing upper Wasatch perforations.

**RECEIVED**

**OCT 26 2004**

**DIV. OF OIL, GAS & MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**E. Reed Fischer**

Title **Operations Engineer**

Signature

Date **October 22, 2004**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**McElvain Oil & Gas Properties, Inc.**

3a. Address

**1050 - 17th Street, Ste. 1800 Denver, Colorado 80265**

3b. Phone No. (include area code)

**303.893.0933**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**2028' FSL, 2289' FEL, NWSE Section 7, T12S-R24E**

5. Lease Serial No.

**UTU-66426**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**Hanging Rock WS MV (UTU-73518B)**

8. Well Name and No.

**Hanging Rock Federal #7-10**

9. API Well No.

**43-047-33100**

10. Field and Pool, or Exploratory Area  
**Oil Springs**

11. County or Parish, State

**Uintah County, Utah**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="radio"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="radio"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="radio"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Install Central</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Compression for 5 wells</u>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<u>on 2 Federal Leases</u>

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

McElvain Oil & Gas requests permission to install a gas compressor and gas meter on an existing wellsite pad in order to provide for centralized compression for 5 wells. 4 of the 5 wells are situated on Federal Lease #UTU-66426. These 4 wells include the Hanging Rock Federal #7-2, 7-6, 7-8 & 7-10 wells. The fifth well to be compressed is the Tucker Federal #8-12 well, which is situated on Federal Lease #UTU-70239. McElvain is requesting permission to install the new gas compressor and gas meter on the Hanging Rock Federal #7-6 location. No enlargement of the existing #7-6 wellsite battery pad will be required, although additional piping will be required within the existing boundaries of this pad in order to connect the new compressor and meter to the existing separator and gas pipeline. Only the #7-6 well pad will incur new construction. No new construction will be required on any of the 4 remaining well pads. The new "sales" meter will be installed downstream of the proposed compressor and 100% of the gross measured gas sales through this new "sales" meter will be proportionately credited to each of the 5 individual wells by utilizing the existing individual well meters as "allocation" meters. McElvain has hired a permitting specialist in order to comply with air quality permitting regulations. A spreadsheet listing pertinent individual well data, and a map are attached to facilitate identification of the well spots and pipe line layout.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**E. Reed Fischer**

Signature

Title **Operations Engineer**

Date **March 1, 2005**

**COPY SENT TO OPERATOR**

Date: **3-9-05**  
Initials: **C#0**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title **Oil, Gas and Mining**

Date: **3/8/05**

Date of Federal Approval Of This  
**Action Is Necessary**

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any statement or representation to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

# *McELVAIN OIL & GAS PROPERTIES, INC.*

1050 17<sup>TH</sup> STREET

SUITE 1800

DENVER, COLORADO 80265

E. REED FISCHER  
OPERATIONS ENGINEER  
E-MAIL: REEDF@MCELVAIN.COM

TELEPHONE 303/893-0933 EXT. 330  
FAX 303/893-0914

March 1, 2005

Central Compression Notes for 5 Wells in Hanging Rock Area  
Hanging Rock Federal #7-2, 7-6, 7-8, 7-10 and Tucker Federal #8-12  
Federal Lease Nos: UTU-66426 & UTU-70239  
Sections 7 & 8, T12S-R24E  
Uintah County, Utah

Please refer to the attached spreadsheet for more detail on the 5 gas wells we wish to compress through a centralized compressor to be installed on the Hanging Rock Federal #7-6 location.

- Currently, the wells produce an aggregate 360 MCFD (4 plunger lift & 1 rod pump).
- Following central compression of the 5 wells, aggregate daily production rate estimated at approximately 550 – 600 MCFGD against a 40 to 50 psi suction pressure.
- Two of the wells currently utilize wellhead compression (#7-6 & #7-8 wells).
- Anticipated maximum discharge pressure is estimated at 300 psi, average discharge pressure of 230 psi, lowest anticipated discharge pressure of 180 psi.
- All gas will be run through a conventional three-phase production unit prior to compression, with compression discharge into a de-hy. This production unit and de-hy combo is currently utilized on the #7-6 location.
- A central delivery point meter will be required down-stream of the compressor, and all existing on-site recorders will be utilized as allocation meters.
- BLM approval is required as the Tucker well in section 8 is on a separate lease (UTU-70239) from the remaining 4 wells in section 7 (UTU-66426).
- Tom Mark, a specialist in air-quality permitting, has been contracted to provide consultation and, if necessary, prepare air-quality permits.
- The Hanover Company will likely supply the reciprocating compressor. It currently appears that the likely compressor will be an Ariel JGQ – 2 stage, 100 horsepower compressor powered by a CAT 3306TA engine. When a final decision is made pertinent information on equipment type, size, emissions, etc., will be forwarded.
- Depending on the success of this project, additional well connects to this compressor may be a possibility. Currently there are three existing wells in Section 8, and a 4<sup>th</sup> well is being permitted in the SENW of this section. There is the possibility that the current 5 well compressor set-up might become an 8 well set-up. Pre-approval will be obtained from the regulatory authorities prior to any alteration to the existing plan.
- Ivan Sadlier 435.828.0284 or 435.828.0282 manages our field operations in Utah and is the contact for any field operations questions.

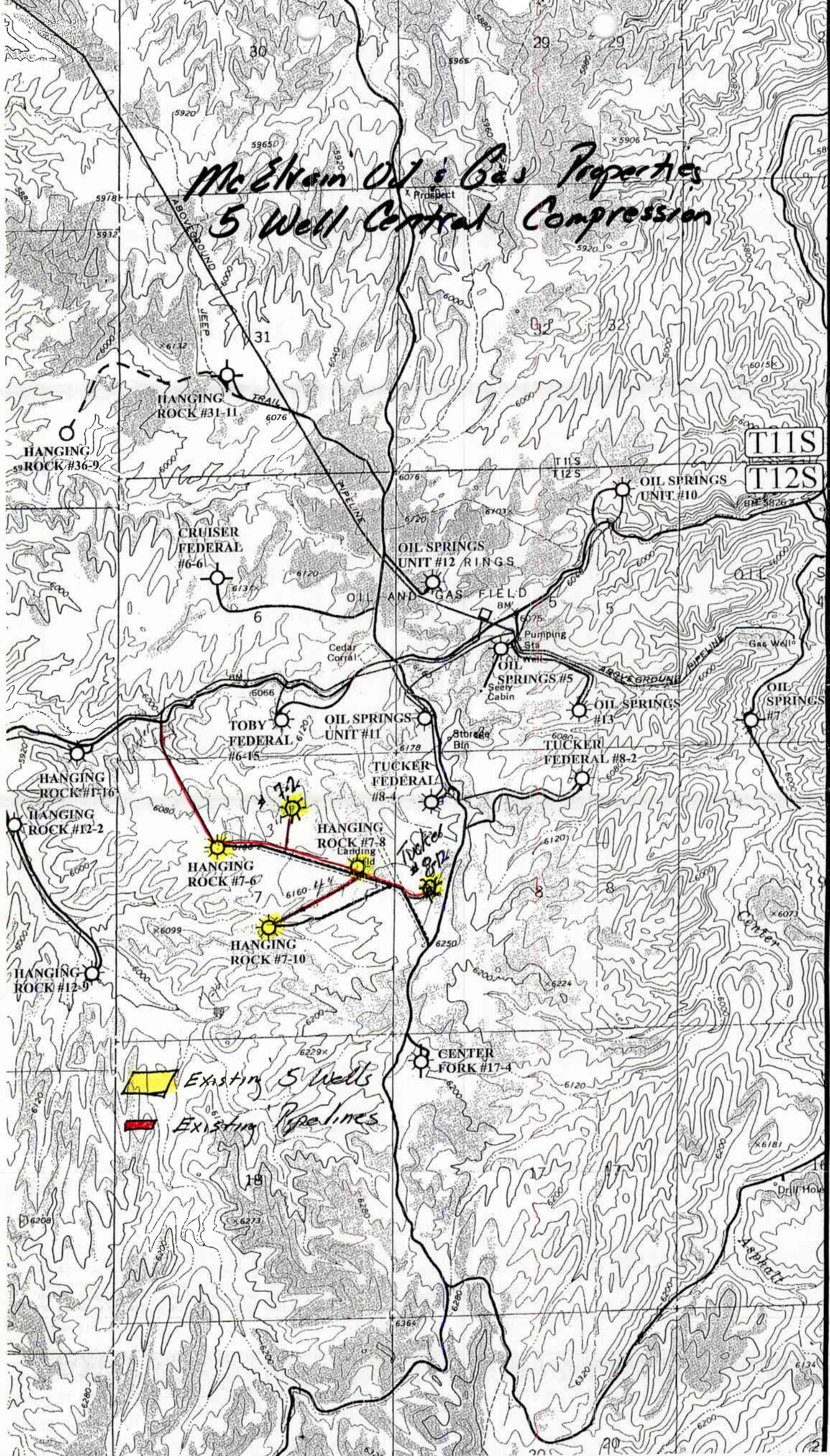
I can be reached at 303.893.0933 extension 330 (office) or 303.981.2921 (cell). Thanks.

Reed Fischer  
Operations Engineer



# McElvain Oil & Gas Properties

## 5 Well Central Compression





### McElvain Oil and Gas - Cental Compression Wells

[illegible]

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
UTU-70239

6. If Indian, Allottee or Tribe Name  
N/A

**SUBMIT IN TRIPLICATE – Other instructions on page 2.**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
McElvain Oil & Gas Properties, Inc.

43,047,33100

3a. Address  
1050 17th Street, Suite 1800, Denver, CO 80265

3b. Phone No. (include area code)  
(303) 893-0933

7. If Unit of CA/Agreement, Name and/or No.  
N/A

8. Well Name and No.  
Hanging Rock Field Central Compression-see well list

9. API Well No.  
Refer to attachment for list of wells

10. Field and Pool or Exploratory Area  
Oil Springs

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Refer to attachment for list of wells

12S 24E 7

11. Country or Parish, State  
Utah County, Utah

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Install pipeline to
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	add 3 wells to existing
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	central compression

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

McElvain Oil & Gas Properties, Inc. would like to expand the existing central compression facilities in our Hanging Rock Field by laying approximately  $\pm$  3,043 feet of 4" steel pipe line in order to connect 3 additional wells to our current 5 well central compression system. No additional surface disturbance is necessary as the central delivery point meter and compressor are already in place. The 3 additional wells, situated on federal lease # UTU-70239, consist of the Tucker Federal #8-2, Tucker Federal #8-4, and Tucker Federal #8-6 wells. The existing central compression system is currently comprised of the Tucker Federal # 8-12 well, also on federal lease # UTU-70239, and 4 wells on federal lease # UTU-66426 including the Hanging Rock Federal # 7-2, 7-6, 7-8 and 7-10 wells. The new pipe line would lie on cap rock, above ground and adjoin the existing road. A map is attached indicating well spots and the pertinent proposed and existing pipe lines. Also attached is a detailed letter explaining the proposed project and a list wells that will make up the central compression system.

COPY SENT TO OPERATOR

Date: 5/31/07  
Initials: EHO

RECEIVED

MAY 24 2007

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Barbara Martin

Title Engineer

DIV. OF OIL, GAS & MINING

Signature

*Barbara Martin*

Date 05/11/2007

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
Office

Federal Approval Of This  
Date Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)



# *McELVAIN OIL & GAS PROPERTIES, INC.*

1050 17<sup>TH</sup> STREET  
SUITE 1800

DENVER, COLORADO 80265

BARBARA MARTIN  
ENGINEER  
E-MAIL: [BARBARAM@MCELVAIN.COM](mailto:BARBARAM@MCELVAIN.COM)

TELEPHONE 303/893-0933 EXT. 345  
FAX 303/893-0914

May 11, 2007

McElvain Oil & Gas Properties, Inc. would like to expand our Hanging Rock Field central compression system. Expansion of the system can be accomplished with no additional surface disturbance by laying  $\pm$  3,043 feet of 4" welded, steel pipe line above ground and along an existing road right-of-way. This pipe line is necessary to connect an additional 3 producing wells (Tucker Federal # 8-2, Tucker Federal # 8-4 and Tucker Federal # 8-6) to our existing 5 well central compression system currently servicing our Hanging Rock Federal # 7-2, Hanging Rock Federal # 7-6, Hanging Rock Federal # 7-8, Hanging Rock Federal # 7-10 and the Tucker Federal # 8-12 wells. Please see the attached plat. Expansion of this system will enhance the efficiency of the existing central compressor, spread operating costs from 5 to 8 wells, lower abandonment pressures and increase ultimate gas reserves by providing for greater draw down and a lower productive economic limit. An additional benefit of this proposed expansion would be the release an exiting individual wellhead compressor and the subsequent reduction in area gas emissions by an estimated 6 tons/year.

Miscellaneous notes on this proposed project are as follows

- The required  $\pm$  3,043 feet of new pipe line will not cross any lease lines and will run between the Tucker # 8-4 and Tucker # 8-12 wells in Section 8, T12S-R24E.
- Installation is estimated to take 2 days and can be conducted from the existing road right-of-way. The pipe line will lie above ground and on cap rock. The construction of this line will entail no additional surface disturbance. The pipe line route was surveyed and an on-site review conducted by McElvain's Ivan Sadlier and the BLM's Amy Torres and Holly Villa.
- The existing central compression facility is situated on our Hanging Rock # 7-6 well-pad which is located within the boundaries of our Hanging Rock Unit. The facility includes a 100 horsepower gas compressor and a central delivery point (CDP) meter. The existing facility can easily handle the estimated 600 MCFGD of additional, anticipated gas throughput. No facility upgrade is required.
- Gas sales volumes and associated sales revenues attributable to each of the 8 wells behind this CDP meter will be determined and/or allocated as follows:
  - Non-Unit wells in Section 8 (Tucker 8-2, 8-4, 8-6 and 8-12) will be paid on a "lease basis". The reported gas volume and the associated revenue settlement for each non-unit well will be determined by direct measurement from each non-unit well's individual well-site meter. The sum of these 4 individual, non-unit well-site measured meter volumes will be defined as the "aggregate lease basis" volume.
  - Unit wells in Section 7 (Hanging Rock 7-2, 7-6, 7-8 and 7-10) will be paid according to their allocated share of the "Unit basis" volume. "Unit basis" volume is defined as "CDP meter volume minus aggregate lease basis volume". Each unit well will utilize its existing well-site meter as an "allocation meter" to determine its proportionate share of the "Unit basis" volume.
- Royalty ownership is identical for all 8 wells. The U.S. Minerals Management Service is the only royalty owner with a 12.5% royalty interest in all 8 wells.
- The wellhead compressor currently operating on the Tucker # 8-4 well-site will be released following expansion of the current system. Removal of this individual wellhead compressor will reduce area gas emissions by more than 6 tons/year.

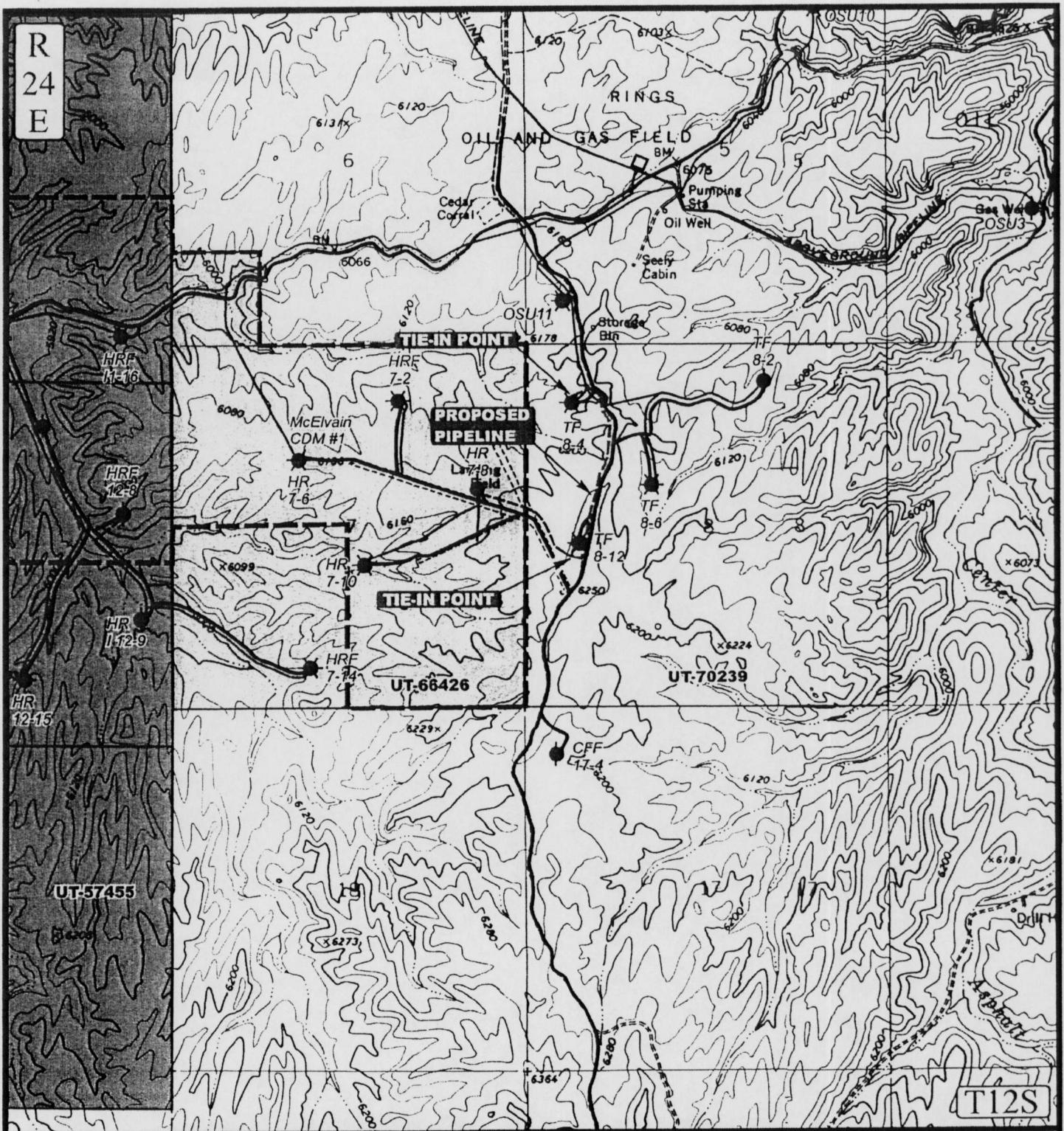
Sincerely,

Barbara Martin

**McElvain Oil and Gas Properties, Inc.**  
**Proposed Well Connects to Hanging Rock Central Compression System**

<b><u>Lease Number</u></b>	<b><u>Well Name</u></b>	<b><u>API #</u></b>	<b><u>Well Location</u></b>	<b><u>Station/Meter Number</u></b>	<b><u>Remarks</u></b>
	McElvain CDM #1	N/A	SENW Sec. 7, T12S-R24E	70214	Existing Sales Meter for Hanging Rock Central Compression System
UTU-66426	Hanging Rock Federal # 7 - 2	43-047-35084	NWNE Sec. 7, T12S-R24E	70127	Existing Hanging Rock Central Compression System Well
UTU-66426	Hanging Rock Federal # 7 - 6	43-047-32751	SENW Sec. 7, T12S-R24E	50290	Existing Hanging Rock Central Compression System Well
UTU-66426	Hanging Rock Federal # 7 - 8	43-047-32937	SENE Sec. 7, T12S-R24E	10178	Existing Hanging Rock Central Compression System Well
UTU-66426	Hanging Rock Federal # 7 - 10	43-047-33100	NWSE Sec. 7, T12S-R24E	50284	Existing Hanging Rock Central Compression System Well
UTU-70239	Tucker Federal # 8 - 12	43-047-34729	NWSW Sec. 8, T12S-R24E	70092	Existing Hanging Rock Central Compression System Well
UTU-70239	Tucker Federal # 8 - 2	43-047-32993	NWSW Sec. 8, T12S-R24E	50240	Proposed Addition to Hanging Rock Central Compression System
UTU-70239	Tucker Federal # 8 - 4	43-047-32872	NWSW Sec. 8, T12S-R24E	10027	Proposed Addition to Hanging Rock Central Compression System
UTU-70239	Tucker Federal # 8 - 6	43-047-36837	NWSW Sec. 8, T12S-R24E	70368	Proposed Addition to Hanging Rock Central Compression System

R  
24  
E



APPROXIMATE TOTAL PIPELINE DISTANCE = 3,043' +/-

**LEGEND:**

- |                         |                          |
|-------------------------|--------------------------|
| — EXISTING PIPELINE     | — HANGING ROCK UNIT LINE |
| - - - PROPOSED PIPELINE | ■ UT-57455               |
| — PROPOSED ACCESS       | □ UT-66426 □ UT-70239    |

McElvain Oil & Gas Properties, Inc.  
Hanging Rock Central Compression System  
SECTION 8, T12S, R24E, S.L.B.&M.



Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



TOPOGRAPHIC  
MAP

8 17 06  
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: J.L.G. REVISED: 5-11-07

D  
TOPO

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE- Other instructions on reverse side.**1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
McElvain Oil & Gas Properties, Inc.3a. Address  
1050 - 17th Street, Suite 1800 Denver, Colorado 802653b. Phone No. (include area code)  
303.893.09334. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2,028' FSL & 2,289' FEL (NWSE) Sec. 7, T12S-R24E SLB&M5. Lease Serial No.  
UTU-664266. If Indian, Allottee or Tribe Name  
na7. If Unit or CA/Agreement, Name and/or No.  
Hanging Rock Unit (UTU-073518X)8. Well Name and No.  
Hanging Rock Federal # 7 - 109. API Well No.  
43-047-3310010. Field and Pool, or Exploratory Area  
Oil Springs11. County or Parish, State  
Uintah County, Utah

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

The referenced well had been shut-in for longer than 90 days. This sundry notice of intent is submitted to notify the BLM of the resumption of production. The well resumed production on Wednesday, November 18th and is now selling gas.

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

E. Reed Fischer

Title Senior Operations Engineer

Signature

Date

11/20/2009

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**RECEIVED**

(Instructions on page 2)

NOV 23 2009

DIV. OF OIL, GAS &amp; MINING

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET** (for state use only)

ROUTING

1. CDW

Change of Operator (Well Sold)

**X - Operator Name Change**

The operator of the well(s) listed below has changed, effective:

**8/11/2011**

<b>FROM:</b> (Old Operator): N2100-McElvain Oil & Gas Properties, Inc. 1050 17th Street, Suite 2500 Denver, CO 80265 Phone: 1 (303) 893-0933	<b>TO:</b> ( New Operator): N3795-McElvain Energy, Inc. 1050 17th Street, Suite 2500 Denver, CO 80265 Phone: 1 (303) 893-0933
--	---

**CA No.**

**Unit:**

**HANGING ROCK**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST - 9 Wells								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/30/2011
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/30/2011
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/30/2011
- Is the new operator registered in the State of Utah: \_\_\_\_\_ Business Number: 8078926-0143
- (R649-9-2) Waste Management Plan has been received on: \_\_\_\_\_
- Inspections of LA PA state/fee well sites complete on: n/a
- Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM not yet BIA
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: not yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 8/31/2011
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 8/31/2011
- Bond information entered in RBDMS on: n/a
- Fee/State wells attached to bond in RBDMS on: n/a
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: 8/30/2011

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: COB000010
- Indian well(s) covered by Bond Number: n/a
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number n/a
- The **FORMER** operator has requested a release of liability from their bond on: n/a

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

**COMMENTS:**

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: McElvain Oil & Gas Properties, Inc. <i>N2100</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1050 17th St, Suite 2500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME:
PHONE NUMBER: (303) 893-0933		8. WELL NAME and NUMBER: SEE ATTACHED LIST
4. LOCATION OF WELL FOOTAGES AT SURFACE:		9. API NUMBER:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		10. FIELD AND POOL, OR WILDCAT:
COUNTY:		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

McElvain Oil & Gas Properties, Inc. has changed it's name to McElvain Energy, Inc. Effective August 11, 2011.  
This is ONLY a name change.

*N3795*

Our BLM Bond # is COB - 000010

Attached is a well list.

NAME (PLEASE PRINT) <u>Deborah Powell</u>	TITLE <u>Eng Tech Manager</u>
SIGNATURE <u><i>D. Powell</i></u>	DATE <u>8/29/2011</u>

(This space for State use only)

APPROVED 8/31/2011

*Earlene Russell*

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician (See Instructions on Reverse Side)

RECEIVED

AUG 30 2011

DIV. OF OIL, GAS & MINING

### Hanging Rock Unit Wells

HANGING ROCK FEDERAL 24-13	24	110S	230E	4304732603	11723	Federal	GW	P	UTU-66408
HANGING ROCK FEDERAL I 1-16	01	120S	230E	4304732679	11889	Federal	GW	P	UTU-57455
HANGING ROCK FEDERAL I 12-4	12	120S	230E	4304732748	11889	Federal	GW	P	UTU-57455
HANGING ROCK FEDERAL F 7-6	07	120S	240E	4304732751	11889	Federal	GW	P	UTU-66426
HANGING ROCK FEDERAL I 1-14	01	120S	230E	4304732871	11889	Federal	GW	P	UTU-57455
HANGING ROCK I 11-8	11	120S	230E	4304732935	12306	Federal	GW	P	UTU-47455
HANGING ROCK FED F 7-8	07	120S	240E	4304732937	12305	Federal	GW	S	UTU-66426
HANGING ROCK F 7-10	07	120S	240E	4304733100	12400	Federal	GW	P	UTU-66426
HANGING ROCK FED 7-2	07	120S	240E	4304735084	14019	Federal	GW	P	UTU-66426

Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET (for state use only)**

ROUTING

CDW

**X - Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**8/1/2014**

**FROM: (Old Operator):**

McElvain Energy, Inc. N3795  
 1050 17th Street, Suite 2500  
 Denver, CO 80265  
 303-893-0933

**TO: ( New Operator):**

Onshore Royalties, LLC N4140  
 P.O. Box 2326  
 Victoria, TX 77902  
 361-570-1600

**CA No.**

**Unit:**

**Haning Rock**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
See Attached List								

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/14/2014
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/14/2014
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/15/2014
- Is the new operator registered in the State of Utah:            Business Number: 9116573-0161
- (R649-9-2) Waste Management Plan has been received on: N/A
- Inspections of LA PA state/fee well sites complete on: N/A
- Reports current for Production/Disposition & Sundries on: 8/15/2014
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM Not Yet BIA N/A
- Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: Not Yet
- Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: N/A
- Underground Injection Control ("UIC")** Division has approved UIC Form 5 Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 9/15/2014
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/15/2014
- Bond information entered in RBDMS on: N/A
- Fee/State wells attached to bond in RBDMS on: N/A
- Injection Projects to new operator in RBDMS on: N/A
- Receipt of Acceptance of Drilling Procedures for APD/New on: N/A
- Surface Agreement Sundry from **NEW** operator on Fee Surface wells received on: N/A

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: UTB000644
- Indian well(s) covered by Bond Number: N/A
- (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number N/A
- The **FORMER** operator has requested a release of liability from their bond on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**



McElvain Energy, Inc N3795 to Onshore Royalties, LLC. N4140  
Effective 8/1/2014

Well Name	Section	TWN	RNG	API Number	Entity	Mineral Lease	Well Type	Well Status	Unit
HANGING ROCK FEDERAL 24-13	24	110S	230E	4304732603	11723	Federal	GW	P	HANGING ROCK
HANGING ROCK FEDERAL I 1-16	1	120S	230E	4304732679	11889	Federal	GW	P	HANGING ROCK
HANGING ROCK FEDERAL I 12-4	12	120S	230E	4304732748	11889	Federal	GW	P	HANGING ROCK
HANGING ROCK FEDERAL F 7-6	7	120S	240E	4304732751	11889	Federal	GW	P	HANGING ROCK
TOBY FEDERAL F 6-15	6	120S	240E	4304732757	12037	Federal	GW	P	
HANGING ROCK FEDERAL I 1-14	1	120S	230E	4304732871	11889	Federal	GW	P	HANGING ROCK
TUCKER FEDERAL F 8-4	8	120S	240E	4304732872	12125	Federal	GW	P	
HANGING ROCK I 11-8	11	120S	230E	4304732935	12306	Federal	GW	P	HANGING ROCK
HANGING ROCK F 7-10	7	120S	240E	4304733100	12400	Federal	GW	P	HANGING ROCK
HANGING ROCK FED 11-9	11	120S	230E	4304734730	14017	Federal	GW	P	
HANGING ROCK I-8	1	120S	230E	4304736042	15514	Federal	GW	P	
TUCKER FED 8-6	8	120S	240E	4304736837	15513	Federal	GW	P	
CENTER FORK F 17-4	17	120S	240E	4304732750	12038	Federal	GW	S	
ROSEWOOD FED 28-8	28	110S	220E	4304732840	12442	Federal	GW	S	
HANGING ROCK FED I 1-4	1	120S	230E	4304732855	12389	Federal	GW	S	
HANGING ROCK FED F 7-8	7	120S	240E	4304732937	12305	Federal	GW	S	HANGING ROCK
TUCKER FEDERAL F 8-2	8	120S	240E	4304732993	12386	Federal	GW	S	
TUCKER FED 8-12	8	120S	240E	4304734729	13740	Federal	GW	S	
HANGING ROCK FED 7-2	7	120S	240E	4304735084	14019	Federal	GW	S	HANGING ROCK
TUCKER FED 8-10	8	120S	240E	4304739187	16399	Federal	GW	S	
HANGING ROCK FED 1-2	1	120S	230E	4304739430	16400	Federal	GW	S	

RECEIVED

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

AUG 14 2014

FORM 9

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: McElvain Energy, Inc. <b>N3795</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1050 17th St, Suite 2500 CITY Denver STATE CO ZIP 80265		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY:		8. WELL NAME and NUMBER: Attached
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: <b>UTAH</b>		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

## 11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

McElvain Energy, Inc. current operator of the attached wells, has sold all wells on the attached list to:

Onshore Royalties, LLC  
P.O. Box 2326  
Victoria, TX 77902

**N4140**

Utah Operator # N4140  
Effective 8/1/2014

McElvain Energy, Inc.



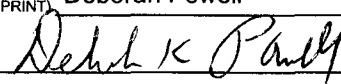
Steven W. Shefte  
Vice President -COO

Onshore Royalties, LLC.



Michael Hahn  
Operations Manager

**BLM Bond: UTB000644**

NAME (PLEASE PRINT) <b>Deborah Powell</b>	TITLE <b>Eng Tech Manager</b>
SIGNATURE 	DATE <b>8/13/2014</b>

(This space for State use only)

**APPROVED****SEP 15 2014**

(5/2000)

(See Instructions on Reverse Side)

DIV. OIL GAS & MINING  
BY: **Rachel Medina**

**State of Utah**  
**Department of Natural Resources**  
**Division of Oil, Gas & Mining**

**Change of Operator**      From McElvain Energy, LLC (N3795)  
    To: Onshore Royalties, LLC (N4140)

Well Name	API	Legal	Status	Well Type	Utah ID	BLM ID
Center Fork F 17-4	43-047-32750	T12S R24E Sec 17 NWNW	S	GW	12038	UTU75206
Hanging Rock Fed 11-9	43-047-34730	T12S R23E Sec 11 NESE	P	GW	14017	UTU57455
Hanging Rock Fed 1-2	43-047-39430	T12S R23E Sec 1 NWNE	S	GW	16400	UTU57455
Hanging Rock Fed 1-8	43-047-36042	T12S R23E Sec 1 SENE	P	GW	15514	UTU57455
Hanging Rock Fed 7-2	43-047-35084	T12S R24E Sec 7 NWNE	S	GW	14019	UTU73518B
Hanging Rock Fed I 1-14	43-047-32871	T12S R23E Sec 1 SESW	P	GW	11889	UTU73518B
Hanging Rock Fed 24-13	43-047-32603	T11S R23E Sec 24 SWSW	P	GW	11723	UTU73518A
Hanging Rock Fed 7-6	43-047-32751	T12S R24E Sec 7 SENW	P	GW	11889	UTU73518B
Hanging Rock Fed 7-8	43-047-32937	T12S R24E Sec 7 SENE	S	GW	12305	UTU73518B
Hanging Rock Fed F 7-10	43-047-33100	T12S R24E Sec 7 NWSE	P	GW	12400	UTU73518B
Hanging Rock Fed I 1-16	43-047-32679	T12S R23E Sec 1 SESE	P	GW	11889	UTU73518B
Hanging Rock Fed I 11-8	43-047-32935	T12S R23E Sec 11 SENE	P	GW	12306	UTU73518B
Hanging Rock Fed I 1-4	43-047-32855	T12S R23E Sec 1 NWNW	S	GW	12389	UTU57455
Hanging Rock Fed I-12-4	43-047-32748	T12S R23E Sec 12 NWNW	P	GW	11889	UTU73518B
Rosewood Fed 28-8	43-047-32840	T11S R22E Sec 28 SENE	S	GW	12442	UTU65355
Toby Federal F 6-15	43-047-32757	T12S R24E Sec 6 SWSE	P	GW	12037	UTU08424A
Tucker Fed 8-10	43-047-39187	T12S R24E Sec 8 NWSE	S	GW	16399	UTU70239
Tucker Fed 8-12	43-047-34729	T12S R24E Sec 8 NWSW	S	GW	13740	UTU70239
Tucker Fed 8-6	43-047-36837	T12S R24E Sec 8 SENW	P	GW	15513	UTU70239
Tucker Fed F 8-2	43-047-32993	T12S R24E Sec 8 NWNE	P	GW	12386	UTU70239
Tucker Fed F 8-4	43-047-32872	T12S R24E Sec 8 NWNW	P	GW	12125	UTU70239